

## GOVERNMENT OF MEGHALAYA

PROJECT: Meghalaya Community Led Landscapes Management Project (P157836)

**Meghalaya Basin Management Agency**

Office of MEGLIFE, 2nd Floor, Shalom Building, Lower Laichumere, Shillong - 793001

**NATIONAL OPEN COMPETITIVE PROCUREMENT  
(One-Envelope Bidding Process without e-Procurement)  
FOR PROCUREMENT OF GOODS/EQUIPMENT**

RFB No.	: MBMA/CLLMP/2022-23/GD-74/Procurement of Automatic Weather Stations
Date of Issue of Bid Document	: March 6, 2023
Date and Time of Pre-Bid Meeting ( <i>Bidders interested to participate in the pre-bid meeting may please send a request to <a href="mailto:mbdaprocurement@gmail.com">mbdaprocurement@gmail.com</a> for sending a link to them</i> )	: March 16, 2023 at 1100 Hrs.
Last Date and Time for Receipt of Bids	: April 6, 2023 by 1400 HRS.
Date and Time of Opening of Bids	: April 6, 2023 at 1430 HRS.
Place of opening of Bid	: Meghalaya Basin Management Agency MegLIFE Office ,2nd Floor, Shalom Building, Shillong Lower Laichumere- 793001 E-mail: <a href="mailto:mbdaprocurement@gmail.com">mbdaprocurement@gmail.com</a> Website: <a href="http://www.mbda.gov.in">www.mbda.gov.in</a>
Office Inviting Bids	: Office of the Meghalaya Basin Management Agency Additional Project Director, CLLMP, MBMA
Address for Communication	: <b>as above</b>

# **REQUEST FOR BIDS**

**(RFB)**

**NATIONAL OPEN COMPETITIVE PROCUREMENT  
FOR THE PROCUREMENT OF AUTOMATIC WEATHER  
STATIONS INCLUDING SUPPLY, INTEGRATION,  
INSTALLATION, COMMISSIONING AND TRAINING  
(One-Envelope Bidding Process without e-Procurement)  
Request for Bids (RFB)**

**Date:** March 6, 2023

**Loan No.:** 88280 - IN

**RFB Reference No.:** MBMA/CLLMP/2022-23/GD-74/Procurement of Automatic Weather Stations

1. The Government of India has received financing from the World Bank toward the cost of the Meghalaya Community-Led Landscapes Management Project (CLLMP) and intends to apply part of the proceeds toward payments under the contract “Procurement of Integrated Community Computer”.
2. The *Meghalaya Basin Management Agency (MBMA)* now invites sealed Bids from eligible Bidders for Supply, integration, installation, commissioning and training of the following:

S #	Items	Quantity	Delivery Location	Delivery period
1	IOT based Automatic Weather Station (AWS) - Advanced	20 Nos.	As per the sites mentioned in the scope of work	Within 12 weeks
2	IOT based Automatic Weather Station (AWS) - Basic	80 Nos.	As per the sites mentioned in the scope of work	Within 6 months

3. Bidding will be conducted through open national competitive procurement procedure agreed with the World Bank and is open to all eligible bidders as defined in the World Bank’s “Procurement Regulations for IPF Borrowers, July 2016” (“Procurement Regulations”). In addition, please refer to paragraphs 3.14 and 3.15 of the Procurement Regulations setting forth the World Bank’s policy on conflict of interest.

4. Interested eligible Bidders may obtain further information from and inspect the bidding document during office hours 11:00 Hrs. to 17:00 Hrs. at the office of the Meghalaya Basin Management Agency, Shillong, Meghalaya, India.
5. A complete set of bidding documents is available on the websites at: [www.cllmp.com](http://www.cllmp.com), [www.mbda.gov.in](http://www.mbda.gov.in) and [www.mbma.org.in](http://www.mbma.org.in) and could be freely downloaded by interested bidders. *“The bidders who have downloaded the bid documents, shall be solely responsible for checking the website for any addendum / amendment issued subsequently to the bid document and take into consideration while preparing and submitting the bids. Bidders to note that bid document will not be sent by mail or courier by MBMA and also no fees to be paid by the bidders to download the bid document.*

### Important Dates

S#	Activities	Important Dates and Time
1	<b>Date of Issue of Bidding Document</b>	<b>March 6, 2023</b>
2	<b>Date and Time of Pre-bid Meeting</b> <i>(Bidders interested to participate in the pre-bid meeting may please send a request to <a href="mailto:mbdaprocurement@gmail.com">mbdaprocurement@gmail.com</a> for sending a link to them)</i>	<b>March 16, 2023 at 1100 Hrs.</b>
3	<b>Last Date and Time for receipt of Bids</b>	<b>March 6, 2023 by 1400 HRS IST</b>
4	<b>Time and Date of Opening of Bids</b>	<b>March 6, 2023 at 1430 HRS IST</b>
5	<b>Place of Opening of Bids</b>	Meghalaya Basin Management Agency (MBMA), MegLIFE office, 2nd Floor, Shalom Building, Lower Laichumere. Shillong - 793001
6	<b>Address for Communication</b>	Meghalaya Basin Management Agency (MBMA), 2nd Floor, Shalom Building, Lower Laichumere. Shillong – 793001 Telephones: +91 364 252 2921 E-mail: <a href="mailto:mbdaprocurement@gmail.com">mbdaprocurement@gmail.com</a> Website: <a href="http://www.cllmp.com">www.cllmp.com</a> ; <a href="http://www.mbda.gov.in">www.mbda.gov.in</a> , <a href="http://www.mbma.org.in">www.mbma.org.in</a>

6. All bids must be accompanied by a Bid Securing Declaration as specified in the bid document and must be submitted to the above office at the date and time indicated above. Electronic Bidding will not be permitted. Late Bids will be rejected.
7. Bids will be publicly opened in the presence of the Bidders’ designated representative who chooses to attend at the address given above on the specified date and time.

8. In the event of the date specified for bid receipt and opening being declared as a closed holiday for the purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed time.

[Meghalaya Basin Management Agency]

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## **PART 1 – Bidding Procedures**

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## Section I. Instructions to Bidders

### A. General

- 1. Scope of Bid**
- 1.1 In connection with the Specific Procurement Notice, Request for Bids (RFB), specified **in the Bid Data Sheet (BDS)**, the Purchaser, as specified **in the BDS**, issues this bidding document for the supply of Goods and, if applicable, any Related Services incidental thereto, as specified in Section VII, Schedule of Requirements. The name, identification and number of lots (contracts) of this RFB are **specified in the BDS**.
- 1.2 Throughout this bidding document:
- (a) the term “in writing” means communicated in written form (e.g., by mail, e-mail, fax, including if **specified in the BDS**, distributed or received through the electronic-procurement system used by the Purchaser) with proof of receipt;
  - (b) if the context so requires, “singular” means “plural” and vice versa; and
  - (c) “Day” means calendar day, unless otherwise specified as “Business Day”. A Business Day is any day that is an official working day of the Borrower. It excludes the Borrower’s official public holidays.
- 2. Source of Funds**
- 2.1 The Government of India or Recipient (hereinafter called “Borrower”) **specified in the BDS** has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount **specified in the BDS**, toward the project **named in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which this bidding document is issued.
- 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank in accordance with the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the Loan account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import is prohibited by decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights from the Loan (or other financing) Agreement or have any claim to the proceeds



of the Loan (or other financing).

### **3. Fraud and Corruption**

- 3.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section VI, Fraud and Corruption.
- 3.2 In further pursuance of this policy, bidders shall permit and shall cause their agents (whether declared or not), subcontractors, sub-consultants, service providers, suppliers, and their personnel, to permit the Bank to inspect all accounts, records and other documents relating to any prequalification process, bid submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

### **4. Eligible Bidders**

- 4.1 A Bidder may be a firm that is a private entity, a state-owned enterprise or institution subject to ITB 4.6
- 4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this Bidding process, if the Bidder:
- (a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or
  - (b) receives or has received any direct or indirect subsidy from another Bidder; or
  - (c) has the same legal representative as another Bidder; or
  - (d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the Bid of another Bidder, or influence the decisions of the Purchaser regarding this Bidding process; or
  - (e) or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods/ works that are the subject of the Bid; or
  - (f) or any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or
  - (g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is

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controlled by, or is under common control with that firm; or

- (h) has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the bidding document or specifications of the Contract, and/or the Bid evaluation process of such Contract; or (ii) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the Bidding process and execution of the Contract.

- 4.3 A firm that is a Bidder shall not participate in more than one Bid. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Bids in which the firm is involved
- 4.4 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.8. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub-consultants for any part of the Contract including related Services.
- 4.5 A Bidder that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, and in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework as described in Section VI paragraph 2.2 d, shall be ineligible to be prequalified for, bid for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address **specified in the BDS**.
- 4.6 Bidders that are state-owned enterprises or institutions in the Purchaser's Country may be eligible to compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not under supervision of the Purchaser.

- 4.7 Not used.
- 4.8 Firms and individuals may be ineligible if so indicated in Section V, Eligible Countries and (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.
- 4.9 A Bidder shall provide such documentary evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.
- 4.10 Not Used.

**5. Eligible Goods and Related Services**

- 5.1 All the Goods and Related Services to be supplied under the Contract and financed by the Bank may have their origin in any country in accordance with Section V, Eligible Countries.
- 5.2 For purposes of this ITB, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.
- 5.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

**B. Contents of Request for Bids Document**

**6. Sections of Bidding Document**

- 6.1 The bidding document consist of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB 8.

**PART 1 Bidding Procedures**

- Section I - Instructions to Bidders (ITB)
- Section II - Bidding Data Sheet (BDS)
- Section III - Evaluation and Qualification Criteria

- Section IV - Bidding Forms
- Section V - Eligible Countries
- Section VI - Fraud and Corruption

## **PART 2 Supply Requirements**

- Section VII - Schedule of Requirements

## **PART 3 Contract**

- Section VIII - General Conditions of Contract (GCC)
- Section IX - Special Conditions of Contract (SCC)
- Section X - Contract Forms

6.2 The Specific Procurement Notice, Request for Bids (RFB), issued by the Purchaser is not part of this bidding document.

6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the document, responses to requests for clarification, the Minutes of the pre-Bid meeting (if any), or Addenda to the bidding document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.

6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding document and to furnish with its Bid all information or documentation as is required by the bidding document.

## **7. Clarification of Bidding Document**

7.1 A Bidder requiring any clarification of the bidding document shall contact the Purchaser in writing at the Purchaser's address specified **in the BDS**. The Purchaser will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of Bids within a period specified **in the BDS**. The Purchaser shall forward copies of its response to all Bidders who have acquired the bidding document in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so, specified **in the BDS**, the Purchaser shall also promptly publish its response at the web page identified **in the BDS**. Should the clarification result in changes to the essential elements of the bidding document, the Purchaser shall amend the bidding document following the procedure under ITB 8 and ITB 22.2.

## **8. Amendment of**

8.1 At any time prior to the deadline for submission of Bids, the Purchaser may amend the bidding document by

**Bidding Document**

issuing addenda.

- 8.2 Any addendum issued shall be part of the bidding document and shall be communicated in writing to all who have obtained the bidding document from the Purchaser in accordance with ITB 6.3. The Purchaser shall also promptly publish the addendum on the Purchaser's web page in accordance with ITB 7.1.
- 8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Purchaser may, at its discretion, extend the deadline for the submission of Bids, pursuant to ITB 22.2.

**C. Preparation of Bids****9. Cost of Bidding**

- 9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

**10. Language of Bid**

- 10.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in English. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into English language, in which case, for purposes of interpretation of the Bid, such translation shall govern.

**11. Documents  
Comprising the Bid**

- 11.1 The Bid shall comprise the following:
- (a) **Letter of Bid** prepared in accordance with ITB 12;
  - (b) **Price Schedules:** completed in accordance with ITB 12 and ITB 14;
  - (c) **Bid Security**, in accordance with ITB 19.1;
  - (d) **Alternative Bid:** if permissible, in accordance with ITB 13;
  - (e) **Authorization:** written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.3
  - (f) **Qualifications:** documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the Contract if its Bid is accepted;
  - (g) **Bidder's Eligibility:** documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;

- (h) **Eligibility of Goods and Related Services:** documentary evidence in accordance with ITB 16, establishing the eligibility of the Goods and Related Services to be supplied by the Bidder;
- (i) **Conformity:** documentary evidence in accordance with ITB 16 and 30, that the Goods and Related Services conform to the bidding document;
- (j) **Manufacturer's authorization:** as required in the prescribed format; and
- (k) any other document required **in the BDS**.

11.2 Joint Venture is Not Applicable

11.3 Not Applicable

## 12. Letter of Bid and Price Schedules

12.1. The Letter of Bid and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.3. All blank spaces shall be filled in with the information requested.

## 13. Alternative Bids

13.1. Unless otherwise specified **in the BDS**, Alternative Bids shall not be considered.

## 14. Bid Prices and Discounts

14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price Schedules shall conform to the requirements specified below.

14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.

14.3 The price to be quoted in the Letter of Bid in accordance with ITB 12.1 shall be the total price of the Bid, excluding any discounts offered.

14.4 The Bidder shall quote any unconditional discounts and indicate the methodology for their application in the Letter of Bid, in accordance with ITB 12.1.

14.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified **in the BDS**. A Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 29. However, if in accordance with **the BDS**, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a Bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.

14.6 If so, specified in ITB 1.1, Bids are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise specified **in the BDS**,

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prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer discounts for the award of more than one Contract shall specify in their Bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITB 14.4 provided the Bids for all lots (contracts) are submitted and opened at the same time.

- 14.7 The terms EXW and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce, as specified **in the BDS**.
- 14.8 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of Bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V, Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V, Eligible Countries. Prices shall be entered in the following manner:
- (a) For Goods:
    - (i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties (customs, excise etc.) and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
    - (ii) any Purchaser's Country vat, sales tax and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
    - (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) specified **in the BDS**.
  - (b) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements, the price of each item comprising the Related Services (inclusive of

any applicable taxes).

#### **14.9 Deemed Export Benefits**

Bidders may like to ascertain availability of excise or other duty exemption benefits, available for contracts financed under World Bank Credits/ Loans. They are solely responsible for obtaining such benefits, which they have considered in their bid and in case of failure to receive such benefits for reasons whatsoever, the Purchaser will not compensate the bidder.

Where the bidder has quoted taking into account such benefits, it must give all information required for issue of necessary Certificates in terms of the Central Excise Notification -108/95 along with its bid in form at Serial Number 7 of Section IV Bidding Forms. Where the Purchaser issues such Certificates, Excise Duty will not be reimbursed separately.

If the Bidder has considered the Deemed Export Benefits in its bid, the Bidder shall confirm and certify that the Purchaser will not be required to undertake any responsibilities of the deemed export scheme or the benefits available during contract execution except issuing the required certificates. Bids which do not conform to this provision or any condition by the Bidder which makes the bid subject to availability of deemed export benefits or compensation on withdrawal of or any variations in the deemed export benefits scheme will make the bid non responsive and hence liable to rejection.

#### **15. Currencies of Bid and Payment**

15.1 The Bidder shall quote the Price in Indian Rupees only.

15.2 Not Used.

#### **16. Documents Establishing the Eligibility and Conformity of the Goods and Related Services**

16.1 Not Used.

16.2 To establish the conformity of the Goods and Related Services to the bidding document, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.

16.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of



deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.

- 16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser.
- 16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

**17. Documents  
Establishing the  
Eligibility and  
Qualifications of the  
Bidder**

- 17.1 To establish Bidder's eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms.
- 17.2 The documentary evidence of the Bidder's qualifications to perform the Contract if its Bid is accepted shall establish to the Purchaser's satisfaction:
- (a) that, if required **in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;
  - (b) that, if required **in the BDS**, the Bidder is or will be (if awarded the Contract) represented by an Agent equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications;
  - (c) that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria; and
  - (d) Supplies for any particular item in each schedule of the bid should be from one manufacturer only. Bids from agents offering supplies from different manufacturers for the same item of the schedule in the bid will be treated as non-responsive.

- 18. Period of Validity of** 18.1. Bids shall remain valid for the Bid Validity period

**Bids**

specified **in the BDS**. The Bid Validity period starts from the date fixed for the Bid submission deadline (as prescribed by the Purchaser in accordance with ITB 22.1). A Bid valid for a shorter period shall be rejected by the Purchaser as nonresponsive.

18.2. In exceptional circumstances, prior to the expiration of the Bid validity period, the Purchaser may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB 19, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid, except as provided in ITB 18.3.

18.3. If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial Bid validity period, the Contract price shall be determined as follows:

- (a) in the case of fixed price contracts, the Contract price shall be the Bid price adjusted by the factor specified **in the BDS**;
- (b) in the case of adjustable price contracts, no adjustment shall be made;
- (c) in any case, bid evaluation shall be based on the Bid price without taking into consideration the applicable correction from those indicated above.

**19. Bid Security**

19.1. The Bidder shall furnish as part of its Bid, a Bid Security, as specified **in the BDS**, in original form and, in the amount specified **in the BDS**.

19.2. Not used.

19.3. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security shall be a demand guarantee in any of the following forms at the Bidder's option:

- (a) an unconditional bank guarantee issued by a Nationalized/ Scheduled bank located in India;
- (b) an irrevocable letter of credit issued by a Nationalized or Scheduled bank located in India;
- (c) a cashier's or certified check or demand draft issued by a Nationalized or Scheduled bank located in India; or
- (d) another security specified **in the BDS**,

In the case of a bank guarantee, the Bid Security shall be

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submitted using the Bid Security Form included in Section IV, Bidding Forms. The Bid Security shall be valid for forty-five (45) days beyond the original validity period of the Bid, or beyond any period of extension if requested under ITB 18.2.

- 19.4. If a Bid Security is specified pursuant to ITB 19.1, any Bid not accompanied by a Bid Security in accordance with ITB 19.3 shall be rejected by the Purchaser as non-responsive.
- 19.5. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the Contract and furnishing the Performance Security pursuant to ITB 46.
- 19.6. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required Performance Security.
- 19.7. The Bid Security may be forfeited:
  - (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder in the Letter of Bid, or any extension thereto provided by the Bidder; or
  - (b) if the Bidder does not accept the correction of its Bid Price pursuant to ITB 31; or
  - (c) if the successful Bidder fails to:
    - (i) sign the Contract in accordance with ITB45; or
    - (ii) furnish a Performance Security in accordance with ITB 46.
- 19.8. Not Applicable
- 19.9. If a Bid Security is not required **in the BDS**, pursuant to ITB 19.1, and:
  - (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Letter of Bid; or
  - (b) if the successful Bidder fails to: sign the Contract in accordance with ITB 45; or furnish a Performance Security in accordance with ITB 46;
- 19.10. the Borrower may, if provided for **in the BDS**, declare the Bidder ineligible to be awarded a contract by the Purchaser

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for a period of time as stated **in the BDS**.

**20. Format and Signing  
of Bid**

- 20.1 The Bidder shall prepare one original of the documents comprising the Bid as described in ITB 11 and clearly mark it "ORIGINAL." Alternative Bids, if permitted in accordance with ITB 13, shall be clearly marked "ALTERNATIVE." In addition, the Bidder shall submit copies of the Bid, in the number **specified in the BDS** and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.
- 20.2 Bidders shall mark as "CONFIDENTIAL" information in their Bids which is confidential to their business.
- 20.3 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as **specified in the BDS** and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid where entries or amendments have been made shall be signed or initialed by the person signing the Bid.
- 20.4 In case the Bidder is a JV, the Bid shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.
- 20.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

## D. Submission and Opening of Bids

### 21. Sealing and Marking of Bids

21.1. The Bidder shall deliver the Bid in a single, sealed envelope (one-envelope Bidding process). Within the single envelope the Bidder shall place the following separate, sealed envelopes:

- (a) in an envelope marked “ORIGINAL”, all documents comprising the Bid, as described in ITB 11; and
- (b) in an envelope marked “COPIES”, all required copies of the Bid; and,
- (c) if alternative Bids are permitted in accordance with ITB 13, and if relevant:
  - i. in an envelope marked “ORIGINAL - ALTERNATIVE”, the alternative Bid; and
  - ii. in the envelope marked “COPIES – ALTERNATIVE BID” all required copies of the alternative Bid.

21.2. The inner and outer envelopes, shall:

- (a) bear the name and address of the Bidder;
- (b) be addressed to the Purchaser in accordance with ITB22.1;
- (c) bear the specific identification of this Bidding process indicated in ITB 1.1; and
- (d) bear a warning not to open before the time and date for Bid opening.

21.3 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the Bid.

21.4 Telex, Cable, or Facsimile bids will be rejected as non-responsive.

### 22. Deadline for Submission of Bids

22.1. Bids must be received by the Purchaser at the address and no later than the date and time specified **in the BDS**. When so specified **in the BDS**, Bidders shall have the option of submitting their Bids electronically. Bidders submitting Bids electronically shall follow the electronic Bid submission procedures specified **in the BDS**.

In the event of the specified date for the submission of Bids being declared a holiday for the Purchaser, the Bids will be received up to the appointed time on the next working day.

22.2. The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the bidding document in accordance with ITB 8, in which case all

rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

### **23. Late Bids**

23.1. The Purchaser shall not consider any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 22. Any Bid received by the Purchaser after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.

### **24. Withdrawal, Substitution, and Modification of Bids**

24.1. A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITB 20.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Bid must accompany the respective written notice. All notices must be:

- (a) prepared and submitted in accordance with ITB 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION;" and
- (b) received by the Purchaser prior to the deadline prescribed for submission of Bids, in accordance with ITB 22.

24.2. Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.

24.3. No Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder on the Letter of Bid or any extension thereof. This will result in the forfeiture of the Bid Security pursuant to ITB 19.7.

### **25. Bid Opening**

25.1. Except as in the cases specified in ITB 23 and ITB 24.2, the Purchaser shall, at the Bid opening, publicly open and read out all Bids received by the deadline at the date, time and place specified **in the BDS** in the presence of Bidders' designated representatives and anyone who chooses to attend. Any specific electronic Bid opening procedures required if electronic bidding is permitted in accordance with ITB 22.1, shall be as specified **in the BDS**.

In the event of the specified date of bid opening being declared a holiday for the Purchaser, the bids will be opened at the appointed time and location on the next

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working day.

- 25.2. First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding Bid shall not be opened, but returned to the Bidder. If the withdrawal envelope does not contain a copy of the “power of attorney” confirming the signature as a person duly authorized to sign on behalf of the Bidder, the corresponding Bid will be opened. No Bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Bid opening.
- 25.3. Next, envelopes marked “SUBSTITUTION” shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Bid opening.
- 25.4. Next, envelopes marked “MODIFICATION” shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening.
- 25.5. Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the total Bid Prices, per lot (contract) if applicable, including any discounts and alternative Bids; the presence or absence of a Bid Security, if required; and any other details as the Purchaser may consider appropriate.
- 25.6. Only Bids, alternative Bids, modifications and discounts that are opened and read out at Bid opening shall be considered further in the evaluation. The Letter of Bid and the Price Schedules are to be initialed by representatives of the Purchaser attending Bid opening in the manner specified **in the BDS**.
- 25.7. The Purchaser shall neither discuss the merits of any Bid nor reject any Bid (except for late Bids, in accordance with ITB 23.1).
- 25.8. The Purchaser shall prepare a record of the Bid opening that shall include, as a minimum:
  - (a) the name of the Bidder and whether there is a withdrawal, substitution, or modification;
  - (b) the Bid Price, per lot (contract) if applicable,

including any discounts;

- (c) any alternative Bids;
- (d) the presence or absence of a Bid Security, if one was required.

25.9. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.

### **E. Evaluation and Comparison of Bids**

#### **26. Confidentiality**

26.1 Information relating to the evaluation of Bids and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the Bidding process until the information on Intention to Award the Contract is transmitted to all Bidders in accordance with ITB 40.

26.2 Any effort by a Bidder to influence the Purchaser in the evaluation or contract award decisions may result in the rejection of its Bid.

26.3 Notwithstanding ITB 26.2, from the time of Bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the Bidding process, it should do so in writing.

#### **27. Clarification of Bids**

27.1 To assist in the examination, evaluation, comparison of the Bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the Bids, in accordance with ITB 31.

27.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the Purchaser's request for clarification, its Bid may be rejected.

#### **28. Deviations, Reservations, and Omissions**

28.1 During the evaluation of Bids, the following definitions apply:

- (a) "Deviation" is a departure from the requirements specified in the bidding document;
- (b) "Reservation" is the setting of limiting conditions or



withholding from complete acceptance of the requirements specified in the bidding document; and

- (c) “Omission” is the failure to submit part or all of the information or documentation required in the bidding document.

## **29. Determination of Responsiveness**

29.1 The Purchaser’s determination of a Bid’s responsiveness is to be based on the contents of the Bid itself, as defined in ITB 11.

29.2 A substantially responsive Bid is one that meets the requirements of the bidding document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

- (a) if accepted, would:
- (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
  - (ii) limit in any substantial way, inconsistent with the bidding document, the Purchaser’s rights or the Bidder’s obligations under the Contract; or
- (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.

29.2.1 Bids from Agents, without proper authorization from the manufacturer as per Section IV, shall be treated as non-responsive.

29.3 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB 11 have been provided, and to determine the completeness of each document submitted.

29.3.1 The Purchaser shall examine the technical aspects of the Bid submitted in accordance with ITB 16 and ITB 17, in particular, to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.

29.3.2 The Purchaser shall examine the bid to confirm that the Bidder has accepted all terms and conditions specified in GCC and the SCC without material deviations or reservations. Deviations from or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 18). Warranty (GCC Clause 28), Force Majeure (GCC Clause 32), Limitation of liability (GCC Clause 30), Governing law (GCC Clause 9) and Taxes & Duties (GCC Clause 17) will be deemed to be a material deviation. The Purchaser’s determination of a bid’s responsiveness is to be based on the contents of the

bid itself without recourse to extrinsic evidence.

29.4 If a Bid is not substantially responsive to the requirements of bidding document, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

**30. Nonconformities,  
Errors and  
Omissions**

30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformities or omissions in the Bid which do not constitute a material deviation, reservation or omission.

30.2 Provided that a Bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Bid related to documentation requirements. Such omission shall not be related to any aspect of the price or substance of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

30.3 Provided that a Bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component in the manner specified **in the BDS**.

**31. Correction of  
Arithmetical Errors**

31.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line-item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line-item total shall be corrected;

(b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 31.1, shall result in the rejection of the Bid, and the Bid security may be forfeited in accordance with ITB 19.7.

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- 32. Conversion to Single Currency** 32.1 Not applicable.
- 33. Margin of Preference** 33.1 Not applicable.
- 34. Evaluation of Bids**
- 34.1 The Purchaser shall use the criteria and methodologies listed in this ITB and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Purchaser shall determine the Most Advantageous Bid. This is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:
- (a) substantially responsive to the bidding document; and
  - (b) the lowest evaluated cost.
- 34.2 To evaluate a Bid, the Purchaser shall consider the following:
- (a) evaluation will be done for Items or Lots (contracts), as specified **in the BDS**; and the Bid Price as quoted in accordance with ITB 14;
  - (b) price adjustment for correction of arithmetic errors in accordance with ITB 31.1;
  - (c) price adjustment due to discounts offered in accordance with ITB 14.4;
  - (d) Not used;
  - (e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 30.3; and
  - (f) the additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria.
- 34.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.
- 34.4 If this bidding document allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated cost of the lot (contract) combinations, including any discounts offered in the Letter of Bid, is specified in Section III, Evaluation and Qualification Criteria.
- 34.5 The Purchaser's evaluation of a Bid will exclude and not take into account:
- (a) in the case of Goods manufactured in India or

goods of foreign origin already located in India, vat, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;

(b) Not used;

(c) any allowance for price adjustment during the period of execution of the contract, if provided in the Bid.

34.6 The Purchaser's evaluation of a Bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB 14. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Bids, unless otherwise specified **in the BDS** from amongst those set out in Section III, Evaluation and Qualification Criteria. The criteria and methodologies to be used shall be as specified in ITB 34.2(f).

### **35. Comparison of Bids**

35.1 The Purchaser shall compare the evaluated costs of all substantially responsive Bids established in accordance with ITB 34.2 to determine the Bid that has the lowest evaluated cost.

### **36. Abnormally Low Bids**

36.1 An Abnormally Low Bid is one where the Bid price, in combination with other constituent elements of the Bid, appears unreasonably low to the extent that the Bid price raises material concerns with the Purchaser as to the capability of the Bidder to perform the Contract for the offered Bid price.

36.2 In the event of identification of a potentially Abnormally Low Bid, the Purchaser, unless otherwise **specified in the BDS**, shall seek written clarification from the Bidder, including a detailed price analyses of its Bid price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the bidding document.

36.3 After evaluation of the price analyses, in the event that the Purchaser determines that the Bidder has failed to demonstrate its capability to perform the contract for the offered Bid price, the Purchaser shall reject the Bid.

### **37. Qualification of the Bidder**

37.1 The Purchaser shall determine, to its satisfaction, whether the eligible Bidder that is selected as having submitted the lowest evaluated cost and substantially responsive Bid, meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.

- 37.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17. The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the bidding document), or any other firm(s) different from the Bidder.
- 37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in which event the Purchaser shall proceed to the Bidder who offers a substantially responsive Bid with the next lowest evaluated cost to make a similar determination of that Bidder's qualifications to perform satisfactorily.
- 38. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids**
- 38.1 The Purchaser reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract Award, without thereby incurring any liability to Bidders. In case of annulment, all Bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.
- 39. Standstill Period**
- 39.1 The Contract shall be awarded not earlier than the expiry of the Standstill Period. The duration of the Standstill Period is **specified in the BDS**. Where only one Bid is submitted, the Standstill Period shall not apply.
- 40. Notice of Intention to Award**
- 40.1 When a Standstill Period applies, it shall commence when the Purchaser has transmitted to each Bidder (that has not already been notified that it has been unsuccessful) the Notification of Intention to Award the Contract to the successful Bidder. The Notification of Intention to Award shall contain, at a minimum, the following information:
- (a) the name and address of the Bidder submitting the successful Bid;
  - (b) the Contract price of the successful Bid;
  - (c) the names of all Bidders who submitted Bids, and their Bid prices as readout, and as evaluated;
  - (d) a statement of the reason(s) the Bid (of the unsuccessful Bidder to whom the letter is addressed) was unsuccessful, unless the price information in (c) above already reveals the reason;
  - (e) the expiry date of the Standstill Period;
  - (f) instructions on how to request a debriefing and/or

submit a complaint during the standstill period

## F. Award of Contract

- 41. Award Criteria**
- 41.1 Subject to ITB 38, the Purchaser shall award the Contract to the Bidder offering the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:
- (a) substantially responsive to the bidding document; and
  - (b) the lowest evaluated cost.
- 42. Purchaser's Right to Vary Quantities at Time of Award**
- 42.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages specified **in the BDS**, and without any change in the unit prices or other terms and conditions of the Bid and the bidding document.
- 43. Notification of Award**
- 43.1 Prior to the expiration of the Bid Validity Period and upon expiry of the Standstill Period, specified in BDS ITB 39.1 or any extension thereof, or upon satisfactorily addressing a complaint that has been filed within the Standstill Period, the Purchaser shall transmit the Letter of Acceptance to the successful Bidder. The Letter of Acceptance shall specify the sum that the Purchaser will pay the Supplier in consideration of the execution of the Contract (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price").
- 43.2 At the same time, the Purchaser shall publish the Contract Award Notice which shall contain, at a minimum, the following information:
- (a) name and address of the Purchaser;
  - (b) name and reference number of the contract being awarded, and the selection method used;
  - (c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated;
  - (d) names of all Bidders whose Bids were rejected either as nonresponsive or as not meeting qualification criteria, or were not evaluated, with the reasons therefor; and
  - (e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope.
- 43.3 The Contract Award Notice shall be published on the

Purchaser's website ([www.mbda.gov.in](http://www.mbda.gov.in)) with free access if available, or in the official gazette.

43.4 Until a formal Contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.

#### **44. Debriefing by the Purchaser**

44.1 On receipt of the Purchaser's Notification of Intention to Award referred to in ITB 40.1, an unsuccessful Bidder has three (3) Business Days to make a written request to the Purchaser for a debriefing. The Purchaser shall provide a debriefing to all unsuccessful Bidders whose request is received within this deadline.

44.2 Where a request for debriefing is received within the deadline, the Purchaser shall provide a debriefing within five (5) Business Days, unless the Purchaser decides, for justifiable reasons, to provide the debriefing outside this timeframe. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period shall not end earlier than five (5) Business Days after the last debriefing takes place. In any case, irrespective of the circumstances, all debriefings shall be completed within 10 business days. The Purchaser shall promptly inform, by the quickest means available, all Bidders of the extended standstill period

44.3 Where a request for debriefing is received by the Purchaser later than the three (3)-Business Day deadline, the Purchaser should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of contract. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.

44.4 Debriefing of unsuccessful Bidders may be done in writing or verbally. The debriefing will cover only the bid of particular bidder requesting the debriefing, and not the bids of the competitors. The Bidder shall bear its own costs of attending such a debriefing meeting.

#### **45. Signing of Contract**

45.1 Promptly upon Notification of Award, the Purchaser shall send the successful Bidder the Contract Agreement.

45.2 Within twenty-one (21) days of receipt of the Contract Agreement, the successful Bidder shall (a) furnish the performance security in accordance with ITB 46; (b) if the successful bidder is a JV (where JVs are permitted), it shall also furnish the JV agreement duly signed by all the members, if it had submitted only a letter of intent to

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execute the JV agreement along with the bid; and (c) shall sign, date, and return the Contract Agreement to the Purchaser along with the documents listed at (a) and (b) above.

45.3 Not applicable

**46. Performance  
Security**

46.1 Within twenty-one (21) days of the receipt of Letter of Acceptance from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC 18, using for that purpose the Performance Security Form included in Section X, Contract Forms. The performance security of a Joint Venture shall be in the name of the Joint Venture specifying the names of all members.

46.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the Bidder offering the next Most Advantageous Bid.



## Section II - Bid Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Reference	A. General									
<b>ITB 1.1</b>	<p>The reference number of the Request for Bids (RFB) is: MBMA/CLLMP/2022-23/GD-74/Procurement of Automatic Weather Stations</p> <p>The Purchaser is: <i>Meghalaya Basin Management Agency</i></p> <p>The name of the RFB is: <b>Procurement of IOT based Automatic Weather Station (AWS)</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">S #</th> <th style="text-align: center;">Item Description</th> <th style="text-align: center;">Quantity</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>IOT based Automatic Weather Station (AWS) – <b>Advanced stations</b></td> <td style="text-align: center;">20 Nos.</td> </tr> <tr> <td style="text-align: center;">2</td> <td>IOT based Automatic Weather Station (AWS) – <b>Basic stations</b></td> <td style="text-align: center;">80 Nos.</td> </tr> </tbody> </table>	S #	Item Description	Quantity	1	IOT based Automatic Weather Station (AWS) – <b>Advanced stations</b>	20 Nos.	2	IOT based Automatic Weather Station (AWS) – <b>Basic stations</b>	80 Nos.
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1	IOT based Automatic Weather Station (AWS) – <b>Advanced stations</b>	20 Nos.								
2	IOT based Automatic Weather Station (AWS) – <b>Basic stations</b>	80 Nos.								
<b>ITB 2.1</b>	<p>The Borrower is: <i>Government of Meghalaya on behalf of Government of India.</i></p> <p>Loan or Financing Agreement amount: <i>US\$ 48 million</i></p> <p>The name of the Project is: <i>Meghalaya Community- Led Landscapes Management Project (CLLMP)</i></p>									
<b>ITB 4.1</b>	Bids from <b>Joint Ventures</b> are not allowed									
<b>ITB 4.5</b>	A list of debarred firms and individuals is available on the Bank's external website: <a href="http://www.worldbank.org/debarr">http://www.worldbank.org/debarr</a> .									
	B. Contents of Bidding Document									
<b>ITB 7.1</b>	<p>For <b><u>Clarification of Bid purposes</u></b> only, the Purchaser's address is:</p> <p>Attention: [ <i>Shri Gunanka DB, IFS</i> ]</p> <p><b>Meghalaya Basin Management Agency</b> MegLIFE Office, 2nd Floor, Shalom Building, Lower Laichumere, Shillong - 793001; Meghalaya, India</p>									

	<p>Telephone: 0364-2522921</p> <p><b>PRE-BID MEETING WILL BE ORGANISED AT THE FOLLOWING ADDRESS ON MARCH 16, 2023 AT 1100 HRS.</b></p> <p><b><u>Bidders who are interested to join the pre-bid meeting virtually must request the Procurement unit for sending them the link to participate. Further, all queries must be made in writing to MBMA not later than three days before the pre-bid meeting.</u></b></p> <p><b>Address:</b> Meghalaya Basin Management Agency (MBMA), MegLIFE Office 2nd Floor, Shalom Building, Lower Laichumere. Shillong - 793001; Meghalaya, India</p> <p>Electronic mail address: <a href="mailto:mbdaprocurement@gmail.com">mbdaprocurement@gmail.com</a></p> <p>Web page: <a href="http://www.mbda.gov.in">www.mbda.gov.in</a> , <a href="http://www.cllmp.com">www.cllmp.com</a> and <a href="http://www.mbma.org.in">www.mbma.org.in</a></p>
	<p><b>C. Preparation of Bids</b></p>
<p><b>ITB 11.1 (k)</b></p>	<p>The Bidder shall submit the following additional documents in its bid: Details of the documentary proofs are mentioned in ITB 37.1 Financial and Technical Capability in the RFB document.</p> <ol style="list-style-type: none"> <li>1.The Bidder should be a Company registered under the Companies Act, 1956/ Proprietary Firm / Partnership Firm</li> <li>2. Attested copy of Company’s PAN, GST and ITR details</li> <li>3.Bidder must submit Audited Financial Statements and/or Bank Certificate for the last 3 years ending FY2022 in support of average annual turnover</li> <li>4.The bidder must have successfully completed project of Govt /PSU / Bank for Supply, Installation &amp; Maintenance of Automatic Weather Stations during last five (5) financial years</li> <li>5. Letter of authorization from OEM: Non-manufacturer bidders will submit the manufacturer’s authorization Form as per Performa in Section IV. The certificate should be valid as on last date of bid submission of the RFB document</li> <li>6. The Product offered should meet all the technical and functional specifications given in the section “Technical Specifications”. Non-compliance to any of the technical and functional specification will attract rejection of the proposal. Bidder should declare their compliance against each specification</li> <li>7. Product Datasheet &amp; Link should be available in OEM Website</li> <li>8.The Bidder/OEM should have Service Centers at Shillong or any districts in Meghalaya. In case bidder does not have office in this location, bidder must submit an undertaking that they would open regional office in these location in 1month after receiving work order or the payment will be delayed</li> <li>8. The companies or firms, bidding for the above tender, should have not been black listed by any of Government Authority or Public Sector Undertaking (PSUs). The bidder shall give an undertaking (on their letter head) that they have not been black listed by any of the Govt. Authority or PSUs. In case, in the past, the name of their Company was black listed by any of the Govt. Authority or PSUs, the same must have been removed from the black list as on date of submission of the tender, otherwise the bid</li> </ol>

	<p>will not be considered</p> <p>9. The bidder shall disclose instance of previous past performance that may have resulted into adverse actions taken against the bidder during the last five years. Such adverse actions taken against the bidder may be treated as unsatisfactory performance history while deciding the award of contract. If no instance of previous past performance has resulted into adverse actions this should be clearly indicated in the Bidder 's bid</p> <p>10. Bidder need to provide original brochures with relevant page(s) in support of the technical specifications of the equipment of the manufacturers</p> <p>11. Bidder should also submit a technical approach document (not more than 10-15 pages) depicting the approach, methodology and maintenance process on the implementation of AWS in Meghalaya</p> <p>12. Bidder should also submit a brief summary of their past projects (not more than 10–15 pages) on the implementation of AWS in other states/countries with pictures and contact details</p> <p>13. The Bidder should be ISO 9001:2015 certified</p>
<b>ITB 13.1</b>	<p>Alternative Bids <i>shall not be</i> considered.</p> <p>Bidder shall quote only one price for the whole of the package.</p>
<b>ITB 14.5</b>	The prices quoted by the Bidder <i>shall not</i> be subject to adjustment during the performance of the Contract.
<b>ITB 14.7</b>	The Incoterms edition is Incoterms 2010.
<b>ITB 14.8 (a)(iii)</b>	Meghalaya Basin Management Agency (MBMA), MegLIFE office, 2nd Floor Shalom Building, Lower Laichumere. Shillong - 793001
<b>ITB 14.8 (b)</b>	<p>Added the following clause as 14.8 (b)</p> <p>a. Prices quoted for each item of the schedule shall correspond 100 percent of the quantities specified in the respective schedule.</p> <p><b>If the Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items.</b></p>
<b>ITB 16.4</b>	Period of time the Goods are expected to be functioning (for the purpose of spare parts): <b>5 years</b>
<b>ITB 17.2 (a)</b>	Original Manufacturer's authorization is: <b>Required</b>
<b>ITB 17.2 (b)</b>	After Sales service is required which shall be provided by the Supplier or alternatively by its Agent in case of a foreign bidder.
<b>ITB 17.2 (c)</b>	Joint Venture – Not Applicable
<b>ITB 18.1</b>	The Bid validity period shall be 120 days.
<b>ITB 18.3 (a)</b>	<i>The Bid price shall not be adjusted</i>

ITB 19.1	<b>Bid Security is Not Required. Bid Securing Declaration (BSD) must be submitted by the bidder as per attached format in the bid document</b>
ITB 19.9	Bidder ineligible to be awarded a contract by the Purchaser for a period of - <b>One Year</b>
ITB 20.1	In addition to the original of the bid, the number of copies is: <b>Two and a soft copy in Pen Drive.</b>  <i>The original signed and company stamped hard copy will prevail in case of any deviations.</i>
ITB 20.3	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: <b>Power of Attorney</b>
<b>D. Submission and Opening of Bids</b>	
ITB 22.1	For <b><u>Bid submission purposes</u></b> only, the Purchaser's address is:  <b>Meghalaya Basin Management Agency (MBMA),</b> MegLIFE Office, 2nd Floor, Shalom Building, Lower Laichumere Shillong - 793001, Meghalaya, India  Attention: <i>[Shri Gunanka DB, IFS]</i>  <b>The deadline for Bid submission is:</b> <b>Date: [April 6, 2023]</b> <b>Time: [ 1400 Hrs. IST]</b>  Bidders " <b>shall not</b> " have the option of submitting their Bids electronically.
ITB 25.1	The Bid opening shall take place at:  Office of the - <b>Meghalaya Basin Management Agency (MBMA),</b> MegLIFE Office, 2nd Floor, Shalom Building, Lower Laichumere. Shillong - 793001  <b>Date: [April 6, 2023]</b> <b>Time: [ 1430 Hrs. IST]</b>
ITB 25.6	The Letter of Bid and Price Schedules shall be initialed by three representatives of the Purchaser conducting Bid opening.
<b>E. Evaluation and Comparison of Bids</b>	

<b>ITB 34.2(a)</b>	<p>The Purchaser will evaluate and compare the bids previously determined to be substantially responsive, pursuant to ITB clause 29</p> <p>Evaluation will be done for the whole package.</p> <p>If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. An item not listed in the Price Schedule shall be assumed to be not included in the Bid, and provided that the Bid is substantial responsive, the average price of the item quoted by substantially responsive Bidders will be added to the Bid Price and the equivalent total cost of the Bid so determined will be used for price comparison.</p>
<b>ITB 34.6</b>	<p>The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria:</p> <ul style="list-style-type: none"> <li>(a) Deviation in Delivery schedule: Not Applicable</li> <li>(b) Deviation in payment schedule: Not Applicable</li> <li>(c) The cost of major replacement components, mandatory spare parts, and service: Not Applicable</li> <li>(d) The availability in India, of spare parts and after sales services for the equipment offered in the bid. An adjustment equal to the cost to the Purchaser of establishing the minimum service facilities and part inventories, if quoted separately, shall be added to the bid price, for evaluation purpose only.</li> <li>(e) The projected operating and maintenance costs during the life of the equipment: Not Applicable</li> <li>(f) The performance and productivity of the equipment offered: Not Applicable</li> <li>(g) The additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria: Not Applicable</li> </ul>
<b>F. Award of Contract</b>	
<b>ITB 42</b>	<p>The maximum percentage by which quantities may be increased is: 15%</p> <p>The maximum percentage by which quantities may be decreased is: 15%</p>

## CHECKLIST FOR BIDDERS FOR SUBMITTING REQUIRED DOCUMENTS

**Bidders should clearly specify the name of the document (page divider) at the beginning of each documentary proof**

Sl. No.	Documents to be submitted along with the Bid	Yes / No	Page #
1	Letter of Bid duly signed and stamped as per format in Section IV (1)		
2	Power of Attorney		
3	Bid Securing Declaration as per format in Section IV (5)		
4	Bidder Information Form as per format in Section IV (2)		
5	The Bidder should submit the Original Manufacturer Authorization Certificate from the Original Equipment Manufacturer of the quoted product specific to the Tender for Non-Manufacturers as per format in Section IV (1)		
6	Audited Financial Statements of last three years (ending FY2022) demonstrating the average annual turnover of INR 2 Cr		
7	Price Schedule for supply as per schedule of requirements as per format in Section IV (3)		
8	The Bidder should be a Company registered under the Companies Act, 1956/ Proprietary Firm / Partnership Firm. Duly attested copy of Certificate of Incorporation issued by the Registrar of Companies must be submitted		
9	Attested copy of Company's PAN, GST and ITR details		
10	The bidder must have successfully completed project of Govt /PSU / Bank for Supply, Installation & Maintenance of Automatic Weather Stations during last five (5) financial years		
11	The Product offered should meet all the technical and functional specifications given in the section "Technical Specifications". Non-compliance to any of the technical and functional specification will attract rejection of the proposal. Bidder should declare their compliance against each specification		
12	Product Datasheet & Link should be available in OEM Website		
13	The Bidder/OEM should have Service Centers at Shillong or any districts in Meghalaya. In case bidder does not have office in this location, bidder must submit an undertaking that they would open regional office in these location in 1 month after receiving work order or the payment will be delayed		
14	The companies or firms, bidding for the above tender, should have not been black listed by any of		

Sl. No.	Documents to be submitted along with the Bid	Yes / No	Page #
	Government Authority or Public Sector Undertaking (PSUs). The bidder shall give an undertaking (on their letter head) that they have not been black listed by any of the Govt. Authority or PSUs. In case, in the past, the name of their Company was black listed by any of the Govt. Authority or PSUs, the same must have been removed from the black list as on date of submission of the tender, otherwise the bid will not be considered		
15	The bidder shall disclose instance of previous past performance that may have resulted into adverse actions taken against the bidder during the last five years. Such adverse actions taken against the bidder may be treated as unsatisfactory performance history while deciding the award of contract. If no instance of previous past performance has resulted into adverse actions this should be clearly indicated in the Bidder 's bid. Undertaking should be submitted		
16	Price and Completion Schedule - Related Services as per format in Section IV (4)		
17	Delivery Schedule requirements along with related services schedule as per Bid Document on Section VII (1)(2)		
18	Bidder need to provide original brochures with relevant page(s) in support of the technical specifications of the equipment of the manufacturers		
19	Performa for Performance Statement as per format on Section IV (7)		
20	Bidder should also submit a technical approach document (not more than 10-15 pages) depicting the approach, methodology and maintenance process on the implementation of AWS in Meghalaya		
21	Bidder should also submit a brief summary of their past projects (not more than 10–15 pages) on the implementation of AWS in other states/countries with pictures		
22	The Bidder should be ISO 9001:2015 certified		
23	Any other relevant document (please mention in your bid)		

## **Section III -Evaluation and Qualification Criteria**

*This Section contains the criteria that the Purchaser shall use to evaluate a Bid and qualify the Bidders. No other factors, methods or criteria shall be used other than specified in this bidding document.*

## **1. Margin of Preference (ITB 33) – Not Applicable**

### **Most Advantageous Bid**

The Purchaser shall use the criteria and methodologies listed in Section 2 and 3 below to determine the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:

- (a) substantially responsive to the bidding document; and
- (b) the lowest evaluated cost.

## **2. Evaluation (ITB 34)**

### **2.1. Evaluation Criteria (ITB 34.6)**

The Purchaser's evaluation of a bid may take into account, in addition to the Bid Price quoted in accordance with ITB Clause 14.8, one or more of the following factors as specified in ITB Sub-Clause 34.2 (f) and in BDS referring to ITB 34.6, using the following criteria and methodologies.

- (a) Delivery schedule. (As per Incoterms specified in the BDS)

*The Goods specified in the List of Goods are required to be delivered within the acceptable time range (after the earliest and before the final date, both dates inclusive) specified in Section VII, Schedule of requirements. No credit will be given to deliveries before the earliest date, and bids offering delivery after the final date shall be treated as non-responsive.*

- (b) Deviation in payment schedule.

**No deviation in the payment scheduled is allowed**

- (c) Cost of major replacement components, mandatory spare parts, and service.

**Deleted**

- (d) Availability in the Purchaser's Country of spare parts and after sales services for equipment offered in the bid.

An adjustment equal to the cost to the Purchaser of establishing the minimum service facilities and parts inventories, as outlined in BDS Sub-Clause 34.6, if quoted separately, shall be added to the bid price, for evaluation purposes only.

- (e) Projected operating and maintenance costs are not allowed
- (f) Performance and productivity of the equipment are not considered
- (g) Specific additional criteria: Product demonstration
- (h) The Trainings shall be spread across all the districts as part of the training to the end user and officials.

The training should cover the following vital aspects:



- Usage and handholding of AWS
- IT Skills training
- Up keeping of the equipment
- Fault Recognition and reporting

## 2.2. Multiple Contracts (ITB 34.4) –

Not Applicable

## 2.3. Alternative Bids (ITB 13.1)

*Not Applicable*

## 3. Qualification (ITB 37)

### 3.1 Qualification Criteria (ITB 37.1)

After determining the lowest-evaluated bid in accordance with ITB Sub-Clause 35.1, the Purchaser shall carry out the post-qualification of the Bidder in accordance with ITB Clause 36, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

### 3.1 Financial and Technical Capability:

S #	Description	Item Description
1	The Bidder should be a Company registered under the Companies Act, 1956/ Proprietary Firm / Partnership Firm	(Certificate of incorporation/certificate for commencement of business/other relevant documentary proof should be submitted)
2	Attested copy of Company's PAN, GST and ITR details	Documentary proofs should be submitted
3	Average Annual Turnover of the bidder during last three financial years 2019-20, 2020-21 and 2021-22 should be at least 2 Crores	Copies of the audited balance sheet of the company showing the same should be submitted
4	The bidder must have successfully completed project of Govt /PSU / Bank for Supply, Installation & Maintenance of Automatic Weather Stations of minimum <b>20 AWS</b> during last five (5) financial years	Work orders or Sanction orders should be submitted
5	Letter of authorization from OEM: Non-manufacturer bidders will submit	As per section IV (6): Manufacturer's Authorization

S #	Description	Item Description
	the manufacturer's authorization Form as per Performa in Section IV. The certificate should be valid as on the last date of bid submission as specified in the RFB document.	
6	The Product offered should meet all the technical and functional specifications given in the section "Technical Specifications". Non-compliance to any of the technical and functional specification will attract rejection of the proposal. Bidder should declare their compliance against each specification	Declare the compliance declaration as per the Technical Specification sheet
7	Product Datasheet & Link should be available in OEM Website	Data sheet of quoted product should be submitted and product should be available on OEM website
8	The Bidder/OEM should have Service Centers at Shillong or other districts in Meghalaya. In case bidder does not have office in this location, bidder must submit an undertaking that they would open regional office in these location in 1 month after receiving work order or the payment will be delated	<ol style="list-style-type: none"> <li>1. List of service center will contact details should be submitted</li> <li>2. If planning to setup an office, an undertaking for the same should be provided to setup the office/center within 1 month of issue of work order. Failure to do so may lead to the delay of payment.</li> </ol>
9	The bidder should not be blacklisted	Undertaking of the same should be submitted
10	The bidder shall disclose instance of previous past performance	Undertaking of the same should be submitted
11	Bidder need to provide original brochures/catalogue with relevant page(s) in support of the technical specifications of the equipment of the manufacturers	Original brochures/catalogue should be submitted. Bidder should ensure that the brochures should not be tampered, else will lead to cancellation of the bidder's proposal
11	Bidder should also submit a technical approach document (not more than 10-15 pages) depicting the approach, methodology and maintenance process on the implementation of AWS in Meghalaya	Separate document to be submitted along with bid
12	Bidder should also submit a brief summary of their past projects (not	Separate document to be submitted along

S #	Description	Item Description
	more than 10–15 pages) on the implementation of AWS in other states/countries with pictures	with bid
13	The Bidder should be ISO 9001:2015 certified	Valid certificate as on last date of bid submission

**NOTE:**

- All documentary proofs are mandatory without which the bids will be rejected. Documentary proofs submitted after the last date of bid submission will not be considered.
- All documents submitted should be properly sealed and signed by the bidder.

**3.2 The bidder must have:**

1. Qualified Service Engineers,
2. Spare Parts Stock &
3. After Sales Services facilities in Shillong or other districts in Meghalaya. List of service center and details of the technical personnel working with the Bidder. In Case OEM does not have service Centers, they would have to open a service center in these regions after the LOA is accepted. Bidder must submit an undertaking that they would open authorized service center in these location in 1 month after receiving of work order to satisfy warranty and service conditions laid down in SCC 28. (Bidder to provide names and details of engineers, list of facilities etc. along with the bid.)

3.3 The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement: *Original Catalogue*

## **Section IV -Bidding Forms**

## 1. Letter of Bid

**INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT**

*The Bidder must prepare this Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and business address.*

*Note: All italicized text is to help Bidders in preparing this form.*

*No alterations to the text except as provided in ITB 20.3, shall be permitted and no substitutions shall be accepted except as provided in ITB 12.*

**Date of this Bid submission:** *[insert date (as day, month and year) of Bid submission]*

**RFB No.:** *[insert number of RFB process]*

**Request for Bid No.:** *[insert identification]*

**To:** *[insert complete name of Purchaser]*

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including Addenda issued in accordance with Instructions to Bidders (ITB 8);
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) **Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and Related Services]*;
- (d) **Bid Price:** The total price of our Bid, excluding any discounts offered in item (e) below is:

Total price is: *[insert the total price of the Bid in Rs in words and figures]*;

- (e) **Discounts:** The discounts offered and the methodology for their application are:
  - (i) The discounts offered are: *[Specify in detail each discount offered.]*
  - (ii) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts]*;
- (f) **Bid Validity Period:** Our Bid shall be valid for the period specified in BDS 18.1 (as amended, if applicable) from the date fixed for the Bid submission deadline specified in BDS 22.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (g) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;

- (h) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other Bid(s) as a Joint Venture member, or as a subcontractor, and meet the requirements of ITB 4.3, other than alternative Bids submitted in accordance with ITB 13;
- (i) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Purchaser's Country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (j) **State-owned enterprise or institution:** *We are not a state-owned enterprise or institution/ We are a state-owned enterprise or institution but meet the requirements of ITB 4.6;*
- (k) **Commissions, gratuities, fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount]*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

- (l) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (m) **Purchaser Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Bid, the Most Advantageous Bid or any other Bid that you may receive;
- (n) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption; and
- (o) We also undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India on date namely "Prevention of Corruption Act 1988."

**Name of the Bidder:** *\*[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** *\*\*[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

\*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

\*\* : Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

## 2. Bidder Information Form

*[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]*

Date: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of RFB process]*

Page \_\_\_\_\_ of \_\_\_\_\_ pages

1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
3. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
4. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
<p>5. Bidder's Authorized Representative Information</p> <p>Name: <i>[insert Authorized Representative's name]</i></p> <p>Address: <i>[insert Authorized Representative's Address]</i></p> <p>Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i></p> <p>Email Address: <i>[insert Authorized Representative's email address]</i></p>
<p>6. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i></p> <p><input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITB 4.4.</p> <p><input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing:</p> <ul style="list-style-type: none"> <li>• Legal and financial autonomy</li> <li>• Operation under commercial law</li> <li>• Establishing that the Bidder is not under the supervision of the Purchaser</li> </ul>
7. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.



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## Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements.]*

### 3. Price Schedule: For Supply as per Schedule of Requirements

Date: \_\_\_\_\_

RFB No: \_\_\_\_\_

S #	Item Description	Quantity in Nos.	Unit Cost (INR)	Taxes (INR)	Total Price (INR)
1	IOT based Automatic Weather Station (AWS) - Advanced	20			
2	IOT based Automatic Weather Station (AWS) - Basic	80			
3	Installation, Commissioning & Testing. Transportation and Training	100			
4	AMC – 5 Years ( <b>The AMC should be provided as a separate financial declaration and should not be included in the Total Cost</b> )	100			
5	Other charges (Add rows as required)	100			

	Total Price (in words):	
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Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

#### 4. Price and Completion Schedule - Related Services

Currency Indian Rupees					Date: _____
					RFB No: _____
					Page N° _____ of _____
1	2	3	4	5	6
Service N°	Description of Services (excludes inland transportation and other services required in India to convey the goods to their final destination)	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 4*5)
Automatic Weather Stations					

<i>[insert number of the Service ]</i>	<i>[insert name of Services, after modifying as appropriate deleting inapplicable items from the following:]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
1	<i>IOT based Automatic Weather Station (AWS) - Advanced</i>	Refer Scope of work	20 Nos.		
2	<i>IOT based Automatic Weather Station (AWS) - Basic</i>	Refer Scope of work	80 Nos.		
3	<i>Installation, Commissioning &amp; Testing, Transportation and Training</i>	Refer Scope of work	100 Nos.		
4	<i>AMC – 5 Years (The AMC should be provided as a separate financial declaration and should not be included in the Total Cost)</i>		100 Nos.		
5	<i>Other charges (Add rows as required)</i>		100 Nos.		
<b>Total Bid Price</b>					

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

## 5. Form of Bid Securing Declaration

### ALL BIDS MUST BE ACCOMPANIED BY BID SECURING DECLARATION

#### Bid-Securing Declaration

*[The Bidder shall fill in this Form in accordance with the instructions indicated.]*

Date: \_\_\_\_\_  
Bid No.: \_\_\_\_\_

To: \_\_\_\_\_

We, the undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for bidding in any contract with the Purchaser for the period of time of *One Year* starting on (*Date of Submission of Bids*), if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) have withdrawn our Bid during the period of bid validity specified in the Form of Bid; or
- (b) having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract; or (ii) fail or refuse to furnish the Performance Security, if required, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

Signed: \_\_\_\_\_

In the capacity of: \_\_\_\_\_

Name: \_\_\_\_\_

Duly authorized to sign the bid for and on behalf of: \_\_\_\_\_

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

Corporate Seal (where appropriate)

## 6. Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so indicated in the BDS.]*

Date: *[insert date (as day, month and year) of Bid submission]*  
RFB No.: *[insert number of RFB process]*

To: *[insert complete name of Purchaser]*

### WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

No company or firm or individual other than M/s. \_\_\_\_\_ are authorized to bid, and conclude the contract for the above goods manufactured by us against this specific RFB. *[This para should be deleted for simple items where manufacturers normally sell the product through different stockists].*

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

*[Note – Modify this format suitably in cases where manufacturer's warranty and guarantee are not applicable for the items for which bids are invited. If the supply consists of number of items, indicate the specific item (s) for which alone the above authorization is required.]*

## 7. Proforma FOR PERFORMANCE Statement

[Please see ITB 37.2 and Section III-  
Evaluation and Qualification Criteria]

Proforma for Performance Statement (for a period of last three/five years)

RFB No. \_\_\_\_\_  
\_\_\_\_\_ Hours

Date of opening \_\_\_\_\_

Time

Name of the Firm \_\_\_\_\_

<u>Order placed by (full address of Purchaser)</u>	<u>Order No. and date</u>	<u>Description and quantity of ordered equipment</u>	<u>Value of order</u>	<u>Date of completion of delivery</u>		<u>Remarks indicating reasons for late delivery, if any</u>	<u>Has the equipment been satisfactorily functioning? (Attach a certificate from the Purchaser/Consignee)</u>
				As per contract	Actual		
1	2	3	4	5	6	7	8

Signature and seal of the Bidder \_\_\_\_\_  
\_\_\_\_\_

## **Section V -Eligible Countries**

### **Eligibility for the Provision of Goods, Works and Non-Consulting Services in Bank-Financed Procurement**

In reference to ITB 4.8 and ITB 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this Bidding process:

Under ITB 4.8(a) and ITB 5.1: *None*

Under ITB 4.8(b) and ITB 5.1: None



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# Section VI -Fraud and Corruption

**(Section VI shall not be modified)**

## **1. Purpose**

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

## **2. Requirements**

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders, consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
  - i. "Corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
  - ii. "Fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
  - iii. "Collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
  - iv. "Coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
  - v. "Obstructive practice" is:
    - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

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- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines, and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>1</sup> (ii) to be a nominated<sup>2</sup> sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders, consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>3</sup> all

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<sup>1</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

<sup>2</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

<sup>3</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and

accounts, records and other documents relating to the submission of bids and contract performance, and to have them audited by auditors appointed by the Bank.

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information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

## **PART 2 – Supply Requirements**

## **Section VII - Schedule of Requirements**



## 2. List of Related Services and Completion Schedule

*[This table shall be filled in by the Purchaser. The Required Completion Dates should be realistic, and consistent with the required Goods Delivery Dates (as per Incoterms)]*

Service	Description of Service	Quantity <sup>1</sup>	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
<i>[insert Service No]</i>	<i>[insert description of Related Services]</i>	<i>[insert quantity of items to be supplied]</i>	<i>[insert physical unit for the items]</i>	<i>[insert name of the Place]</i>	<i>[insert required Completion Date(s)]</i>
<b><i>Bidder must attach separate sheet for each lot</i></b>					
<b>1</b>	<i>IOT based Automatic Weather Station (AWS) - Advanced</i>	<b>20</b>	<b>Nos.</b>		<b>Within 12 weeks from the date of contract signing for 20 stations and 6 months for 80 stations</b>
<b>2</b>	<i>IOT based Automatic Weather Station (AWS) - Basic</i>	<b>80</b>	<b>Nos.</b>		
<b>3</b>	<i>Installation, Commissioning &amp; Testing. Transportation and Training</i>	<b>100</b>	<b>Nos.</b>		
<b>4</b>	<i>AMC of 1 year post implementation of AWS (from the date of acceptance by MBMA)</i>	<b>100</b>	<b>Nos.</b>		

1. If applicable





### 3. Scope of Work

The changes in crop production related climatic variables will possibly have major influences on regional as well as national crop production. The likely impacts of climate change on crop yield can be determined either by experimental data or by Crop Cutting Experiment or Weather Forecast. Crop productivity and soil water balance have been studied with crop growth models by using parameters from different climate models. Meanwhile, climate variability is one of the most significant factors influencing year to year crop production, even in high-yield and high-technology agricultural areas. In recent years, more and more attention has been paid to the risks associated with climate change, which decrease uncertainty the production of crops due to drought like situation followed by the flash flood with special reference to the western part of the State in the plain belt of Garo Hills. Therefore, it is urgent to determine the impacts of climate change on crop production and water resources in order to develop possible adaptation strategies. To address these issues, there is a need to install the Automatic Weather Stations in the State.

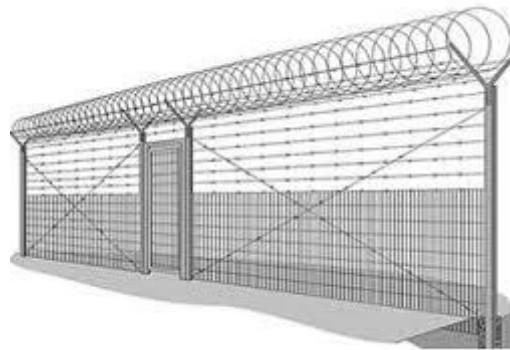
The key benefits of Automatic Weather Station are as follows:

- i. Determining whether a particular region is ideal to grow a specific crop
- ii. Safe guarding the crop against adverse environmental conditions such as hail, excess or deficient rain
- iii. Helping anticipate weather conditions that may aggravate plant diseases or lead to pest and insect intrusion
- iv. Information from weather station is also used for research to improve/optimize crop irrigation patterns, pest control models ultimately improving the quality of the crop. Monitoring soil moisture and temperature and maintaining these parameters at the correct levels is crucial for cash crops which have short harvest cycles.
- v. Spraying is equally crucial but is a costly activity particularly for individual cultivators. Farms need to be sprayed periodically for pests and insects. Lack of spraying results in low productivity and also affects the quality and visual appearance of produce marring the rate that it gets in the market. Data about temperature and wind speeds can help to find out right timing to spray pesticides on the crop. Choosing a wrong timing can significantly increase the consumption of the pesticide and the labor time spent
- vi. For the crops like tea, coffee, and other crops grown in the hilly regions, weather parameters can be drastically different in the different patches due to a different altitude, soil quality, and land slope. Installing multiple automatic weather stations is a must in such scenarios to track the 'micro-climates' in different parts.
- vii. Agricultural or crop insurance in India is a big market and companies rely on the data from automatic weather stations in order to settle or refuse the claims by farmers.

Hence, the Meghalaya Basin Management Agency (MBMA) in collaboration with the Department of Agriculture and Farmers Welfare, Govt. of Meghalaya plan to setup the Automatic Weather Stations as per the following requirements:

1. Through a National Competitive Bidding (NCB) process for Goods
2. The vendor should supply, install, monitor and maintain the AWS
3. The AWS equipment should be supplied as per the Technical Specifications mentioned in the RFB document

4. Submit all relevant documents, annexures and strictly adhere to the terms and conditions as specified in the RFB document
5. The quantity of AWS required is 20 nos. of high-model and 80 nos. if basic-model
6. Bidder required to carry out complete supply, integration, installation & commissioning and training of the Automatic Weather Stations (AWS)
7. Demonstration and training on data downloading and other necessary functionalities of the system should be provided by the supplier/Bidder. If required bidder can be called for onsite demonstration during BID evaluation
8. GPRS Modem for remote connectivity and data transfer shall be supplied and installed with the system
9. A 3-meter-high triangular guy mast must be supplied, installed, and commissioned
10. All the sensors, power supply and data acquisition system must be installed on the guy mast itself or on different pole as required
11. All the stations should be accessed by mobile app
12. 360-degree Outdoor CCTV Camera with 1month data storage inbuilt/SD card must be installed on the top of the AWS system for 24/7 monitoring/ surveillance
13. Caution board must be installed on 4 sides of the fence in local language & English
14. Industrial grade spiral fences of high strength aluminum alloy with corrosive resistance and fastened with fiber reinforced Plastic FRP screws and entry gate with high strength aluminum alloy with corrosive resistance



15. The bidder is required to provide 1 year of post implementation support and maintenance. This will start from the date of completion of the activity and acceptance of MBMA
16. The department is also planning for a 5-year AMC of AWS. Hence, the bidders are to provide a separate financial quotation and not include the same in overall cost of the Financial Proposal
17. The installation sites are across the various locations in the State. The bidders can visit the sites at their own expenses. However, prior written approval is required from both MBMA and Department of Agriculture
18. The tentative locations are in all District offices and Sub-Divisional offices. However, the exact location with GPS coordinates will be shared with the vendor in the later stage of the RFB process.

## 4. Technical Specifications

### As per the Annexure below:

#### **Annexure 1:**

#### **Type 1 Automatic Weather Station (Advanced): 20 Qty**

1. The broad scope of supply is to deliver an automatic weather station, The System will consist of “Data Logger and various meteorological sensors to be mounted on two different heights”.
2. The system will constitute of fully developed and established hardware for Data Logger/ Data Collection Platform (DCP). 12V rechargeable Lead Acid Battery, Solar Panel, Charge Controller, Meteorological Sensors, and Accessories.
3. The data logger should be programmable by higher level language for flexible R&D requirements. The fully integrated system will only be accepted.
4. The sensors must comply with the type, range, accuracy, resolution, and operating temperature conditions of the specifications.
5. Installation Altitude Ranges from 10-6000meter msl
6. The DCP, sensors and solar panel will be mounted on a tower/ tripod which should cater for fitments of assemblies for sensors, DCP, solar panel and other accessories.
7. Different sensors as mentioned in spec should be provided with complete accessories i.e., connectors, enough cables, and mounting fixtures. The integration of the sensors with the DCP will be ensured by the firm.
8. Software, if any, for processing the data collected through Flash Card/ USB port.
9. Storage of data should be in cloud as well as data should be transferred to control room server
10. Each system should be accessible from android/any phone application. should have provision of online Data viewing.
11. System should have facilities to generate user specific alarm and send mail/SMS to desired contact details.
12. Training should be provided on the operation and maintenance of the station.
13. System should come with 2 years warranty.
14. Authorization required from OEM

#### **NAVIC/GPS RECEIVER:**

- Position Details: Shall capture latitude, longitude, and altitude.

- Shall provide time synchronization to the data logger as per the used defined time interval.
- Shall have sufficient cable to put the receiver in an open place and connect to the data logger
- Synchronize with Real Time Clock (RTC): Shall be configurable from 15 minutes to 24 hours

#### **NETWORK MANAGEMENT SOFTWARE:**

A Network Management Software (NMS) shall be provided by the vendor to maintain individual station wise data which are connected with NMS through GSM/GPRS network. The system shall include demodulator of proper specifications to receive and demodulate the SMS/GPRS packets received from different stations. The objective of the NMS software is to provide the real time data reception, processing, visualization in user specified format. The software shall have the following features:

- The NMS software and all other software required for complete operationalization of the system shall be compatible with Microsoft Windows 8, Windows 10 operating system.
- The NMS shall run automatically 24X7 and perform all its activities without any human interface.
- The NMS shall receive the RAW data in real time through GSM/GPRS link from remote stations installed in the field and store the raw data in the RAW files for further processing.
- It shall have the facility to view the station wise data in tabular format and graphical format for the stations and time selected and export data into Text and Excel (CSV) files format in real time.
- the software shall have provision for future upgrading with induction of newer technologies
- The NMS shall have adequate redundancy and ensure uninterrupted data processing in the event of any possible single point failures.
- The NMS shall be able to show data for single station or multiple stations for any selected time. NMS should allow station to station data comparison in graphical and table format.
- The NMS shall be able to receive data from minimum 100 stations simultaneously with a provision to upgrade the data reception capability to 500 stations.
- NMS should have the provision to receive data from multiple sensors from single station in case the user installs more sensors in the remote stations.
- The software shall provide unique ID to all stations in the network and automatically detect data received from different stations.
- The NMS shall receive GPRS data/SMS only from the stations configured. SMS originating from other numbers shall be rejected by the NMS.

- The NMS shall generate the daily summary of stations including health of the stations.
- The NMS shall have provision for high and low limits for alarm conditions setting for individual station.
- The NSM shall be capable to generate a suitable report for each of the station.
- The NMS shall be capable of sending status message and e-mail to the administrator at a used defined interval.
- The NMS shall include a wide range of error messages, to provide information in respect of various error conditions as detailed below.
  - (i) Last Receipt of data
  - (ii) Garbage data
  - (iii) Data with improper format
  - (iv) Overflow of data
  - (v) Protocol Analysis
  - (vi) Invalid parameters
  - (vii) Parity error related problem

#### **1.Air Temperature Sensor Details (Qty: 1No): -**

- Sensing Element: SHT35 derivative (specially coated for reliability)
- Range: -40° to +70°C or better
- Accuracy:  $\pm 0.4^{\circ}\text{C}$  or better (-40°C to +70°C)
- Resolution: 0.001°C
- Time Constant: 130 s (63% response time in air moving at 1 m/s)
- Input Power Supply: 10V DC to 28V DC
- Output: SDI12

#### **2.Relative Humidity Sensor Details (Qty: 1No): -**

- Range: 0 to 100% RH
- Accuracy @25°C:  $\pm 3\%$  RH or better
- Resolution: 0.001% RH
- Response Time: <10 Sec
- Input Power Supply: 10V DC to 28V DC
- Output: SDI12

#### **3.Rain Gauge (Qty: 1No):**

- Sensor type: Tipping bucket
- Temperature: 0° to +50°C
- Resolution: 1 tip
- Rainfall per tip: 0.1mm
- Orifice diameter: 9.6" (24.5 cm)

- Accuracy: up to 2 inch/h  $\pm 1\%$

#### **4. Wind Speed and Direction Sensor (Qty: 1No):**

##### **Wind Speed**

- Type: Ultrasonic
- Operating Temperature:  $-35^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Range 0 - 70 m/s (116 knots) or more
- Accuracy  $\pm 2\%$  @ 12 m/s
- Resolution 0.01 m/s (0.02 knots)
- Response Time 0.25 seconds
- Threshold 0.01 m/s

##### **Wind Direction**

- Type: Ultrasonic
- Operating Temperature:  $-35^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Range 0 -  $360^{\circ}$  (No dead band)
- Accuracy  $\pm 2^{\circ}$  @ 12 m/s
- Resolution  $1^{\circ}$
- Response Time 0.5 seconds
- Power supply: 12VDC

#### **5. Soil Moisture and Soil Temperature Sensor (50cm Depths):**

- Parameters to be measured: Volumetric water content (VWC), permittivity, electrical conductivity (EC), and temperature
- Sensing Volume: 3600 cm<sup>3</sup>
- Operational Temperature:  $-40^{\circ}$  to  $+60^{\circ}\text{C}$
- Working Principle: Velocity of electromagnetic wave propagation along the sensor rods
- Sensor Output: SDI-12.
- Warmup Time: 3 s
- Measurement Time: 3 ms to measure; 600 ms to complete SDI-12 command
- Power Supply Requirements: 6 to 18 Vdc; must be able to supply 45 mA @ 12 VdcCurrent Drain.

##### Soil Temperature Specifications:

- Measurement Range:  $-40^{\circ}$  to  $+70^{\circ}\text{C}$
- Accuracy:  $\pm 0.15^{\circ}\text{C}$  (for typical soil temperatures [0 to  $40^{\circ}\text{C}$ ] when probe body is buried in soil)
- Resolution:  $0.001^{\circ}\text{C}$

##### Volumetric Water Content Specifications:

- Range: 0% to 100%
- Accuracy:  $\pm 1\%$  (with soil-specific calibration) where solution EC  $< 3$  dS/m
- Precision:  $< 0.05\%$

##### Electrical Conductivity:

- Measurement Range: 0 to 8 dS/m
- Accuracy:  $\pm 6\%$

#### **6. Barometer Specifications (Qty: 1No):**

- Range: 500 to 1100 hPa
- Accuracy:  $\pm 0.5$  hPa for temperature range from  $-40$  to  $+60$  Deg C

- Resolution: 0.1 hPa
- Temperature Range: -40 to +60 Deg C
- Output: RS232, SDI-12
- Field calibratable.

### **7.Solar Radiation:**

- Response time 95% < 1 Sec
- Non-stability:  $\pm 2$  %
- Non-linearity: < 0.2 %
- Directional Response < 10 W/m<sup>2</sup>
- Irradiance range (W/m<sup>2</sup>): 0 to 2000
- Operating temperature: -30 to 70°C

### **SPECIFICATION OF DATA COLLECTION PLATFORM (DCP)**

1. The Data Collection Platform (DCP) should incorporate the latest state-of-the-art technology and must consume very low power. Since the equipment will have to operate under stringent weather conditions in marine bound regions, the system should be rugged and sealed to avoid ingress of moisture.
2. The complete details of the current set up of the DCP should be provided. The loading of setup/program will be demonstrated with Laptop separately. The user manual should spell out the settings. A separate copy of the set-up program should be provided on a CD or Pen drive.
3. The design of the DCP should be modular and the replacement of the modules should be easy and user friendly.
4. The DCP should have least tuning parts (preferably none) and should provide consistent performance for at least two years.
5. Keeping in view the low temperature conditions in the field, there should be a provision for quick and easy replacement of the DCP from the NEMA-4X enclosure. The mounting/ dismounting of the DCP in the enclosure should be with the help of latches. Further, it should be possible to lock/ unlock these latches with gloves-in-hand.
6. The complete Technical Demonstration should be provided.
7. User manual for the station will also be provided by the firm which will include the setup/program details, calibration constants, wiring diagram of the concerned sensors, and any other station specific details.

### **SPECIFICATION DATA COLLECTION PLATFORM**

1. **Analog Channel:** Analog Data Inputs: 8 differential or 16 single ended and Input range: The data logger should have multiple input ranges along with "Auto Ranging" facility to measure the sensors accurately without any loss of accuracy. The data logger should have this input range: +/- 5000mV, +/- 1000mV, +/- 200mV: 0 to 5 V DC. Provision for up to 10 qty. 4 to 20 mA signal should be provided with the logger

2. **Digital Channel:** Frequency Type: 04 Channel, Counter Type: 02 Channel and the facility to convert counter channels to frequency channels & vice versa should be provided.
3. **SDI-12 Input:** 04 Channel
4. **Analog to Digital Conversion:** Resolution 24 Bit or more and Conversion Accuracy +/-1 LSB
5. **Watchdog Timer:** The Data logger should have watchdog timer to reset the system and restore the previous set-up in case of microprocessor resets and power glitch.
6. **Real Time Clock:** The normal time clock of the system should be derived from TCXO with accuracy of 1.0 ppm/yr. In addition, the system should also have battery even during power failure. The accuracy of this clock should be better than 10 seconds in six months period.
7. **Communication port:** 1 Micro-USB port, 1 RS232 Port, 1 Ethernet Port; to connect computer, sensor, or communication devices serially
8. **RS 232 C- Port:** The Data logger should have a free RS232-C port capable of having communication with external devices. Also, it should be possible to access the data logger through this port. Serial communications with serial sensors and devices supported via I/O port pairs, Modbus, and DNP3 protocols supported.
9. **Data Storage:** The system should have in-built facility to store about for minimum duration of more than one year in at least 50 MB memory. It should also be possible to download the stored data on a Micro-SD card including date and time information.
10. **Power Requirements:** Typical Current Drain in Sleep Mode: ~2 mA or better 1 Hz Scan (8 diff. meas. 60 Hz rej., 2 pulse meas.): 3 mA. 12 V switched DC with maximum current supplying capacity of 1.0A during measurement period for powering up the sensors. Short circuit and overload protection.
11. **Maximum Scan rate:** 1000 Hz
12. **Analog Voltage Accuracy:** +/- 0.08% of reading +offset
13. Data logger should be CE Compliant.
14. Vendor should provide the USB to serial converter
15. GSM/GPRS/4G Telemetry option to get the data on email, FTP
16. SMS / Email based alert mechanism
17. Weather station can be accessible remotely through any laptop/PC having internet connection with remote station login credentials (UserID/Password).

## **BATTERY & CHARGING SYSTEM**

1. Bidder Should provide power budget calculations



2. Bidder Should provide Sealed Maintenance Free Lead Acid (VRLA) Batteries for 12V/75 Amp-Hour capacity or higher.
3. A suitable in-built charge controller having over and under voltage protection should be provided in the DCP.
4. The combined capacity of the Solar panels should be 150Watts for 12 VDC configuration.
5. It should be dual power source solar & electric line.

#### **ENCLOSURE**

1. Enclosure suitable for data logger with a power supply and one or more peripherals.
2. NEMA 4X Enclosures.
3. Non-Corrosive, fiberglass.
4. Cable entry options: Two sealable conduit ports.

#### **MOUNTING STRUCTURE**

- Individual mountings as required for each sensor should be provided with the system.
- 3-meter height of SS Tripod with the self-supporting structure should be provided with lightning arrester to the system.

### **Annexure 2:**

#### **Type 2 Automatic Weather Station (Basic): 80 Qty**

1. The broad scope of supply is to deliver an automatic weather station; The System will consist of a “Data Logger and various meteorological sensors to be mounted on two different heights”.
2. The system will constitute of fully developed and established hardware for Data Logger/ Data Collection Platform (DCP). 12V rechargeable Lead Acid Battery, Solar Panel, Charge Controller, Meteorological Sensors, and Accessories.
3. The data logger should be programmable by higher-level language for flexible R&D requirements. The fully integrated system will only be accepted.
4. The sensors must comply with the type, range, accuracy, resolution, and operating temperature conditions of the specifications.
5. Installation Altitude Ranges from 10-6000meter MSL
6. The DCP, sensors and solar panel will be mounted on a tower/ tripod which should cater for fitments of assemblies for sensors, DCP, solar panel and other accessories.
7. Different sensors as mentioned in the specifications should be provided with complete accessories i.e., connectors, enough cables, and mounting fixtures. The integration of the sensors with the DCP will be ensured by the firm.
8. Software, if any, for processing the data collected through Flash Card/ USB port.
9. Storage of data should be in the cloud as well as data should be transferred to the control room server
10. Each system should be accessible from android/any phone application. should have the provision of online Data viewing.

11. System should have facilities to generate user-specific alarms and send mail/SMS to desired contact details.
12. Training should be provided on the operation and maintenance of the station.
13. System should come with 2 years warranty.
14. After the completion of 2 years of warranty bidder must provide the AMC for the AWS system for a minimum of 3 years.
15. Authorization required from OEM

**NAVIC/GPS RECEIVER:**

- Position Details: Shall capture latitude, longitude, and altitude.
- Shall provide time synchronization to the data logger as per the user-defined time interval.
- Shall have sufficient cable to put the receiver in an open place and connect to the data logger
- Synchronize with Real Time Clock (RTC): Shall be configurable from 15 minutes to 24 hours

**NETWORK MANAGEMENT SOFTWARE:**

A Network Management Software (NMS) shall be provided by the vendor to maintain individual station-wise data which are connected with NMS through GSM/GPRS network. The system shall include a demodulator of proper specifications to receive and demodulate the SMS/GPRS packets received from different stations. The objective of the NMS software is to provide real-time data reception, processing, and visualization in a user-specified format. The software shall have the following features:

- The NMS software and all other software required for the complete operationalisation of the system shall be compatible with Microsoft Windows 8, and Windows 10 operating systems or the latest OS/iOS.
- The NMS shall run automatically 24X7 and perform all its activities without any human interface.
- The NMS shall receive the RAW data in real-time through GSM/GPRS link from remote stations installed in the field and store the raw data in the RAW files for further processing.
- It shall have the facility to view the station-wise data in tabular format and graphical format for the stations and time selected and export data into Text and Excel (CSV) files format in real-time.
- the software shall have provision for future upgrading with the induction of newer technologies
- The NMS shall have adequate redundancy and ensure uninterrupted data processing in the event of any possible single-point failures.
- The NMS shall be able to show data for a single station or multiple stations for any selected time. NMS should allow station-to-station data comparison in graphical and table format.
- The NMS shall be able to receive data from a minimum of 100 stations simultaneously with a provision to upgrade the data reception capability to 500 stations.
- NMS should have the provision to receive data from multiple sensors from a single station in case the user installs more sensors in the remote stations.
- The software shall provide a unique ID to all stations in the network and automatically detect data received from different stations.

- The NMS shall receive GPRS data/SMS only from the stations configured. SMS originating from other numbers shall be rejected by the NMS.
- The NMS shall generate the daily summary of stations including the health of the stations.
- The NMS shall have provisions for high and low limits for alarm conditions set for the individual stations.
- The NMS shall be capable to generate a suitable report for each of the stations.
- The NMS shall be capable of sending status messages and e-mails to the administrator at a user-defined interval.
- The NMS shall include a wide range of error messages, to provide information in respect of various error conditions as detailed below.
  - (i) Last Receipt of data
  - (ii) Garbage data
  - (iii) Data with the improper format
  - (iv) Overflow of data
  - (v) Protocol Analysis
  - (vi) Invalid parameters
  - (vii) Parity error-related problem

**Temperature:**

- Measurement Range: -40 to +70°C or better
- Accuracy:  $\pm 0.4^{\circ}\text{C}$  (over the range -40 to +70°C) /  $\pm 0.3^{\circ}\text{C}$  (over the range 20°C to +60°C) or better
- Resolution:  $0.001^{\circ}\text{C}$  or better

**Relative Humidity:**

- Measurement Range: 0 – 100 %
- Accuracy:  $\pm 1.8\%$  (at 25°C, over the range 0 to 80% RH) /  $\pm 3\%$  (at 25°C, over the range 80 to 100% RH) or better

**Barometric Pressure:**

- Measurement Range: 150 – 1150 hPa or better
- Accuracy:  $\pm 1.5$  kPa or better
- Sensitivity: 45.9 mV per kPa
- Response Time: 1ms
- Signal Output: Analogue

**Wind Speed & Direction:**

*Wind Speed:*

- Type: 3 cup anemometer
- Range: 0 to 85 m/s
- Accuracy:  $< 2\%$  of measured value (0.3 - 50 m/s)
- Resolution: 0.01 m/s
- Threshold: 0.2 m/s
- Output: Pulse Output
- Lightning & surge protection: As per IEC EN 61000-4-5 on wind vane & power lines, Surge, EFT/Burst, ESD 15kV
- Operating temperature & humidity: -40 °C to + 80 °C, 0 % to 100 % RH

*Wind Direction:*

- Type: ESD, EMC & lightning protected magnetic wind vane sensor
- Range Mechanical: 360°
- Resolution: 1°
- Accuracy:  $\pm 2^\circ$  (no dead-spot)
- Output: Analog 0 to 2.5 VDC
- Lightning & surge protection: As per IEC EN 61000-4-5 on wind vane & power lines, Surge, EFT/Burst, ESD 15kV
- Operating temperature & humidity:  $-40^\circ\text{C}$  to  $+80^\circ\text{C}$ , 0 % to 100 % RH

**Rain Gauge:**

- Principle: Tipping Bucket
- Resolution: 0.1 mm.
- Operating Temperature Range:  $0^\circ\text{C}$  to  $+50^\circ\text{C}$
- Accuracy: 1.0% up to 50 mm/h (2 in./h)

**Data Logger Specification:**

- Data Sampling Rate: 10 Hz
- Analog Input Channels: 04 Nos
- Analog Input Range: The datalogger should have multiple input ranges facility to measure the sensors accurately without any loss of accuracy. The data logger should have these input ranges:  $-100$  to  $2500\text{mV}$ ,  $\pm 34\text{mV}$
- Analog Resolution: 33 Micro Volt
- Analog Input Accuracy: Voltage measurement accuracy no less than  $\pm (0.06\%$  of reading + offset) over temperature range of  $-40^\circ$  to  $70^\circ\text{C}$
- Voltage Excitation: at least two independently configurable voltage sources that can operate in at least one of two modes. Switched Excitation Mode, a single 12-bit digital-to-analogue converter (DAC), provides a user-specified voltage during measurement only. Switched Regulated Voltage Supply Mode, provides continuous 5 Vdc.
- Pulse Counting Channel: At least two inputs individually configurable for switch closure, high-frequency pulse, or low-level AC measurements.
- Switch Closure Inputs with Minimum Switch Closed Time: 3 ms, Minimum Switch Open Time: 3 ms, Maximum Bounce Time: 1 ms open without being counted.
- Digital: At least six ports configurable for digital input and output including status high/low, pulse width modulation, external interrupt, edge timing, switch closure, pulse counting, high-frequency pulse counting, UART, RS-232, RS-485, SDI-12 etc.
- Resistive Ground. Two analogue input terminals shall be configured as independent, non-isolated 0-20 mA or 4-to-20 mA current loop inputs referenced to ground. Current shall be measured using a 24-bit ADC.
- Analog to Digital Conversion Bits: 24 Bit or Better
- User selectable average time of 1 min/10 minutes, independently for each channel.
- Minimum Parameters to be recorded for Each Channel: Average, Standard Deviation, Minimum, Maximum, and Wind Vector.
- The DCP should have a watchdog timer to reset the system and restore the previous set-up in case of microprocessor resets and power glitches.
- In addition, the system should also have a battery-backed real-time clock so that the time is updated even during power failure.
- The accuracy of this clock should be better than 3 minutes in twelve-month periods.
- Communication Interface: USB: Micro-B/type C, RS-232

- Communication Protocols: SDI-12, Modbus, RTU/ASCII/TCP, DNP3, NTCIP, Custom user definable over serial, TCP, UDP.
- Communication port (for configuration): USB port/RS232 port
- Real-Time Data Acquisition Mode: Through Local Intranet and RS232 Mode
- Data Storage: Internal memory should be capable of storing a minimum of 6-month data at a 1-minute recording interval.
- Data File Formats: CSV, .dat,
- Power Requirements: Typical Current Drain in Sleep Mode: ~0.5 mA or better 1 Hz Scan (1 analogue): 2 mA. 12 V switched DC with a maximum current supplying capacity of 1.0A during the measurement period for powering up the sensors. Short circuit and overload protection.
- Temperature Range: -40 to +70° C. Operating Humidity Range: 0 to 100% relative humidity non-condensing
- Weight: ≤0.3 Kg
- Supply Voltage: 16 to 32 Vdc for charger input (CHG) (Currently limited to 1.1 A maximum for power converter or solar panel input.)
- GSM/GPRS/4G Telemetry option to get the data on email, FTP
- SMS / Email based alert mechanism
- Weather station can be accessed remotely through any laptop/PC having an internet connection with remote station login credentials (UserID/Password).

#### **BATTERY & CHARGING SYSTEM**

- Bidder Should provide power budget calculations
- Bidder Should provide Sealed Maintenance Free Lead Acid (VRLA) Batteries for 12V/75 Amp-Hour capacity or higher.
- A suitable in-built charge controller having over, and under-voltage protection should be provided in the DCP.
- The combined capacity of the Solar panels should be 150Watts for a 12 VDC configuration.
- It should be a dual power source solar & electric line.

#### **ENCLOSURE**

- Enclosure suitable for data logger with a power supply and one or more peripherals.
- NEMA 4X Enclosures.
- Non-Corrosive, fibreglass.
- Cable entry options: Two sealable conduit ports.

#### **MOUNTING STRUCTURE**

- Individual mountings as required for each sensor should be provided with the system.
- 3-meter or Higher height of SS Tripod with a self-supporting structure should be provided with a lightning arrester to the system.

#### **Delivery Period and Installation details,**

**DELIVERY REQUIREMENT:** -as mentioned in the timeline

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**DELIVERY ADDRESS:** - Locations with GPS coordinates will be shared during the later stage of the RFB process

## 4. Drawings

This bidding document includes “no” drawings.

## 5. Inspections and Tests

The following inspections and tests shall be performed:

- a. Inspection and tests prior to shipment of Goods and at final acceptance are as follows:
  - i. The inspection of the goods shall be carried out to check whether the goods are in conformity with the technical specifications attached to the purchase- order form and shall be in line with the inspection/test procedures laid down in the technical specifications and the General Conditions of contract. Following broad test procedure will generally be followed for inspection and testing of machine. The supplier will dispatch the goods to the ultimate consignee after internal inspection testing along with the supplier’s inspection report, manufacturer’s warranty certificate. The purchaser will test the equipment after completion of the installation and commissioning at the site of the installation. For site preparation, the supplier should furnish all details to the purchaser sufficiently in advance so as to get the works completed before receipt of the equipment. Complete hardware and software as specified in section VI should be supplied, installed and commissioned properly by the supplier prior to commencement of performance tests.
  - ii. The acceptance test will be conducted by the purchaser/their consultant or any other person nominated by the purchaser, at its option. The acceptance will involve trouble- free operation for seven consecutive days. There shall not be any additional charges for carrying out acceptance tests. No malfunction, partial or complete failure of any part of hardware or excessive heating of motors attached to printers, drivers etc. or bugs in the software should occur. All the software should be complete and no missing modules/sections will be allowed. The supplier shall maintain necessary log in respect of the results of the tests to establish to the entire satisfaction of the purchaser, the successful completion of the test specified. An average uptake efficiency of 98% (to modify as considered appropriate for each case) for the duration of test period shall be considered as satisfactory.

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- iii. In the event of the hardware and software failing to pass the acceptance test, the purchaser reserves the rights to get the equipment replaced by the supplier at no extra cost to the purchaser.
  - a. Manuals:
    - i. Before the goods are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals of the goods and equipment. These shall be in such detail as will enable the Purchaser to install the hardware and software as stated in the specifications.
    - ii. The manuals shall be in the ruling language (English) and in such form and numbers as stated in the contract.
    - iii. Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purpose of taking over until such manuals and drawings have been supplied to the Purchaser.
  - b. For the System and Other Software, the following will apply:
    - i. The Supplier shall provide complete and legal documentation of hardware, all subsystems, operating systems, compiler, system software and the other software. The Supplier shall also provide licensed software for all software products, whether developed by it or acquired from others. The supplier shall also indemnify the purchaser against any levies/penalties on account of any default in this regard.
  - c. Acceptance Certificates:
    - i. On successful completion of acceptability test, receipt of deliverables etc., and after the purchaser is satisfied with the working on the system, the acceptance certificate signed by the supplier and the representative of the purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the systems.

## 6.0 Proforma of Certificate for issue by the Purchaser after Successful Installation and Startup of the Supplied Goods

No. \_\_\_\_\_ Date: \_\_\_\_\_

M/s. \_\_\_\_\_

Sub: Certificate of startup of the supplied Goods

1. This is to certify that the goods as detailed below has/have been received in good condition along with all the standard and special accessories (subject to remarks in Para No. 2) and a set of spares in accordance with the Contract/Specifications. The same has been installed and commissioned.

(a) Contract No. \_\_\_\_\_ dated \_\_\_\_\_

(b) Description of the  
Good \_\_\_\_\_

(c) Quantity  
\_\_\_\_\_

(d) Rail/Roadways Receipt No. (if  
applicable) \_\_\_\_\_ dated \_\_\_\_\_

(e) Name of the consignee  
\_\_\_\_\_

(f) Date of start up and proving test \_\_\_\_\_

2. Details of accessories/spares not yet supplied and recoveries to be made on that account.

<u>S. No.</u>	<u>Description</u>	<u>Amount to be</u>
		<u>recovered</u>

3. The proving test has been done to our entire satisfaction.

4. The supplier has fulfilled his contractual obligations satisfactorily. \*

or

The supplier has failed to fulfill his contractual obligations with regard to the following:



- 
- (a)
- (b)
- (c)
- (d)
5. The amount of recovery on account of non-supply of accessories and spares is given under Para No. 2.
6. The amount of recovery on account of failure of the supplier to meet his contractual obligations is as indicated in endorsement of the letter.

Signature

\_\_\_\_\_

Name

\_\_\_\_\_

Designation with Stamp

\_\_\_\_\_

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\* Explanatory notes for filling up the certificates:

- (a) He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to Technical Specifications.
- (b) He has supervised the startup of the plan in time i.e., within the period specified in the contract from the date of intimation by the Purchaser in respect of the installation of the plant.
- (c) Training of personnel has been done by the supplier as specified in the contract

In the event of documents/drawings having not been supplied or installation and startup of the plant have been delayed on account of the

## **PART 3 - Contract**

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## Section VIII - General Conditions of Contract

### 1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

- (a) “Bank” means the World Bank and refers to the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (b) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (c) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- (d) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
- (e) “Day” means calendar day.
- (f) “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (g) “GCC” means the General Conditions of Contract.
- (h) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (i) “Purchaser’s Country” is India.
- (j) “Purchaser” means the entity purchasing the Goods and Related Services, as **specified in the SCC**.
- (k) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, start-up, training and initial maintenance and other such obligations of the Supplier under the Contract.
- (l) “SCC” means the Special Conditions of Contract.
- (m) “Subcontractor” means any person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution

of any part of the Related Services is subcontracted by the Supplier.

- (n) “Supplier” means the person, private or government entity, or a combination of the above, whose Bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (o) “The Project Site,” where applicable, means the place named in the SCC.

## 2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

## 3. Fraud and Corruption

- 3.1 The Bank requires compliance with the Bank’s Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG’s Sanctions Framework, as set forth in Appendix to the GCC.
- 3.2 The Purchaser requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the Bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

## 4. Interpretation

- 4.1 If the context so requires it, singular means plural and vice versa.
- 4.2 Incoterms
  - (a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms **specified in the SCC**.
  - (b) The terms EXW and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the **SCC** and published by the International Chamber of Commerce in Paris, France.
- 4.3 Entire Agreement
 

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

### 4.4 Amendment

No amendment or other variation of the Contract shall be valid

unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

#### 4.5 Nonwaiver

- (a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

#### 4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

### 5. Language

- 5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be English. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.
- 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

### 6. Joint Venture, Consortium or Association

- 6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

### 7. Eligibility

- 7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in

conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract and financed by the Bank shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

## 8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the **SCC**. The term “in writing” means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.

## 9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Union of India.

9.2 Not used.

## 10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the **SCC**.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

## 11. Inspections

11.1 The Supplier shall keep, and shall make all reasonable efforts to

- and Audit by the Bank** cause its Subcontractors and sub-consultants to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time changes and costs.
- 11.2 Pursuant to paragraph 2.2 e. of Appendix to the General Conditions the Supplier shall permit and shall cause its subcontractors and sub-consultants to permit, the Bank and/or persons appointed by the Bank to inspect the Site and/or the accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors' and sub-consultants' attention is drawn to Sub-Clause 3.1 which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).
- 12. Scope of Supply** 12.1 The Goods and Related Services to be supplied shall be as specified in the Special Conditions of Contract.
- 13. Delivery and Documents** 13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the **SCC**.
- 14. Supplier's Responsibilities** 14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.
- 15. Contract Price** 15.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid, with the exception of any price adjustments authorized in the **SCC**.
- 16. Terms of Payment** 16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the **SCC**.
- 16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has

accepted it.

16.4 The payments shall be made in Indian Rupees to the Supplier under this Contract.

16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the **SCC**, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the **SCC**, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.

**17. Taxes and Duties**

17.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

**18. Performance Security**

18.1 If required as specified in the **SCC**, the Supplier shall, within twenty-one (21) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the **SCC**.

18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

18.3 As specified in the **SCC**, the Performance Security, if required, shall be denominated in the Indian Rupees, and shall be in the format stipulated by the Purchaser in the **SCC**.

18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the **SCC**.

**19. Copyright**

19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

**20. Confidential Information**

20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the



Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.

20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:

- (a) the Purchaser or Supplier need to share with the Bank or other institutions participating in the financing of the Contract;
- (b) now or hereafter enters the public domain through no fault of that party;
- (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
- (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

## **21. Subcontracting**

21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Such notification, in the original Bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

## **22. Specifications and Standards**

### **22.1 Technical Specifications and Drawings**

- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VII, Schedule of Requirements.

- (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
- (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.

### **23. Packing and Documents**

- 23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

### **24. Insurance**

- 24.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the SCC.

### **25. Transportation and Incidental Services**

- 25.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.
- 25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in Schedule of Requirements and SCC:
- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
  - (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
  - (c) furnishing of a detailed operations and maintenance

manual for each appropriate unit of the supplied Goods;

- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services

## **26. Inspections and Tests**

26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC**.

26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the **SCC**. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price.

Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

- 26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.
- 26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

## **27. Liquidated Damages**

- 27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the **SCC** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those **SCC**. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

## **28. Warranty**

- 28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.
- 28.3 Unless otherwise specified in the **SCC**, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the **SCC**, or for eighteen (18) months after the date of shipment, whichever

period concludes earlier.

28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC**, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

## **29. Patent Indemnity**

29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

- (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
- (b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

### **30. Limitation of Liability**

30.1 Except in cases of criminal negligence or willful misconduct,

- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and
- (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the Purchaser with respect to patent infringement

### **31. Change in Laws and Regulations**

31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in India where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the

foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

- 32. Force Majeure**
- 32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 32.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 33. Change Orders and Contract Amendments**
- 33.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
  - (b) the method of shipment or packing;
  - (c) the place of delivery; and
  - (d) the Related Services to be provided by the Supplier.
- 33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier’s performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier’s receipt of the Purchaser’s change order.
- 33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the

Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

33.4 **Value Engineering:** Unless otherwise specified in the SCC the Supplier may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;

- (a) the proposed change(s), and a description of the difference to the existing contract requirements;
- (b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Purchaser may incur in implementing the value engineering proposal; and
- (c) a description of any effect(s) of the change on performance/functionality.

The Purchaser may accept the value engineering proposal if the proposal demonstrates benefits that:

- (a) accelerates the delivery period; or
- (b) reduces the Contract Price or the life cycle costs to the Purchaser; or
- (c) improves the quality, efficiency or sustainability of the Goods; or
- (d) yields any other benefits to the Purchaser,

without compromising the necessary functions of the Facilities.

If the value engineering proposal is approved by the Purchaser and results in:

- (a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified **in the PCC** of the reduction in the Contract Price; or
- (b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Supplier shall be the full increase in the Contract Price.

33.5 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

#### 34. Extensions of

34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding



**Time**

timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

**35. Termination****35.1 Termination for Default**

- (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
  - (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34;
  - (ii) if the Supplier fails to perform any other obligation under the Contract; or
  - (iii) if the Supplier, in the judgment of the Purchaser has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix to the GCC, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

**35.2 Termination for Insolvency.**

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect

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any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

35.3 Termination for Convenience.

- (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
  - (i) to have any portion completed and delivered at the Contract terms and prices; and/or
  - (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

**36. Assignment**

36.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

**37. Export  
Restriction**

37.1 Not applicable.

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## APPENDIX TO GENERAL CONDITIONS

### Fraud and Corruption

*(Text in this Appendix shall not be modified)*

#### 1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

#### 2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders, consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
  - i. "Corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
  - ii. "Fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
  - iii. "Collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
  - iv. "Coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
  - v. "Obstructive practice" is:
    - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
    - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.

- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>4</sup> (ii) to be a nominated<sup>5</sup> sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders, consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>6</sup> all accounts, records and other documents relating to the

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<sup>4</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

<sup>5</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

<sup>6</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

submission of bids and contract performance, and to have them audited by auditors appointed by the Bank.

## Section IX - Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

<b>GCC 1.1(j)</b>	<p>The Purchaser is:  <b>Meghalaya Basin Management Agency (MBMA)</b>  MegLIFE Office, 2<sup>nd</sup> Floor, Shalom Building  Lowe Laichumere  Shillong – 793001, Meghalaya.  Telephone: 0364 252 2921  E-mail: <a href="mailto:mbdaprocurement@gmail.com">mbdaprocurement@gmail.com</a>  Website: <a href="http://www.cllmp.com">www.cllmp.com</a>, <a href="http://www.mbda.gov.in">www.mbda.gov.in</a> &amp; <a href="http://www.mbma.org.in">www.mbma.org.in</a></p>
<b>GCC 1.1 (o)</b>	<p>The Project Site(s)/Final Destination(s) is:  <b>As per the Scope of Work</b></p>
<b>GCC 4.2 (a)</b>	<p>The meaning of the trade terms shall be as prescribed by Incoterms.</p>
<b>GCC 4.2 (b)</b>	<p>The version edition of Incoterms shall be 2010</p>
<b>GCC 8.1</b>	<p>For <b><u>notices</u></b>, the Purchaser's address shall be:    Attention: <i>Shri. Gunanka DB, IFS, Additional Project Director - CLLMP</i>  <b>Meghalaya Basin Management Agency (MBMA)</b>  MegLIFE Office, 2<sup>nd</sup> Floor, Shalom Building  Lowe Laichumere  Shillong – 793001, Meghalaya.  Telephone: 0364 252 2921  E-mail: <a href="mailto:mbdaprocurement@gmail.com">mbdaprocurement@gmail.com</a>  Website: <a href="http://www.cllmp.com">www.cllmp.com</a> , <a href="http://www.mbda.gov.in">www.mbda.gov.in</a> &amp; <a href="http://www.mbma.org.in">www.mbma.org.in</a></p>
<b>GCC 10.2</b>	<p><b>Settlement of Disputes</b></p> <p>The dispute settlement mechanism to be applied shall be as follows:</p> <p>(a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The arbitral tribunal shall consist of 3 arbitrators one each to be appointed by the Purchaser and the Supplier. The third Arbitrator shall be chosen by the two Arbitrators so appointed by the Parties and shall act as Presiding arbitrator. In case of failure of the two arbitrators appointed by the parties to reach upon a consensus within a period of</p>

	<p>30 days from the appointment of the arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed by the Indian Council of Arbitration.</p> <p>(b) In the case of a dispute with a Foreign Supplier, the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules. The Arbitral Tribunal shall consist of three Arbitrators one each to be appointed by the Purchaser and the Supplier. The third Arbitrator shall be chosen by the two Arbitrators so appointed by the parties, and shall act as presiding arbitrator. In case of failure of the two arbitrators appointed by the parties to reach upon a consensus within a period of 30 days from the appointment of the arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed by the Indian Council of Arbitration.</p> <p>(c) If one of the parties fails to appoint its arbitrator in pursuance of sub-clause (a) and (b) above, within 30 days after receipt of the notice of the appointment of its arbitrator by the other party, then the *Indian Council of Arbitration, both in cases of the Foreign supplier as well as Indian supplier, shall appoint the arbitrator. A certified copy of the order of the Indian Council of Arbitration, making such an appointment shall be furnished to each of the parties.</p> <p>(d) Arbitration proceedings shall be held at Shillong, Meghalaya, India, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.</p> <p>(e) The decision of the majority of arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the arbitral tribunal. However, the expenses incurred by each party in connection with the preparation, presentation etc. of its proceedings as also the fees and expenses paid to the arbitrator appointed by such party or on its behalf shall be borne by each party itself.</p> <p>(f) Where the value of the contract is Rs. 10 million and below, the disputes or differences arising shall be referred to the Sole Arbitrator. The Sole Arbitrator should be appointed by agreement between the parties; failing such agreement, by the appointing authority namely the Indian Council of Arbitration.</p> <p>(g) Except otherwise agreed to by the Parties, Arbitrators should give a decision in writing within 120 days of receipt of notification of dispute</p>
<b>GCC 12.1</b>	As per the Scope of Work

**GCC 13.1**

Details of Shipping and other Documents to be furnished by the Supplier are given below:

GCC 13.1 Upon delivery of the goods to the transporter/consignee, the supplier shall notify the purchaser and mail the following documents to the Purchaser:

(A) Documents to be submitted to Purchaser: -

- (i) One original and three copies of commercial invoice, indicating MBMA, the Contract number, credit number; Goods description, quantity, unit price, and total amount. Invoices must be signed in original and stamped or sealed with the company stamp/seal;
- (ii) Proof of dispatch (POD) viz., Delivery note, Railway receipt, or Road consignment note or equivalent transport document or acknowledgement of receipt of goods from the Consignee;
- (iii) One original and three copies of Acknowledgement of receipt of goods from the Consignee i.e. Consignment Receipt Certificate (CRC)
  - (i) Four copies of packing list identifying contents of each package, if applicable;
  - (ii) One original and three copies manufacturer 's Warranty certificate covering all items supplied.
  - (iii) Four copies Internal Test Report of the Manufacturer for the items offered
  - (iv) Four copies of the Certificate of Inspection furnished to Supplier by the nominated inspection
  - (v) One original and three copies of the Supplier 's Certificate of Country of Origin covering all items supplied
  - (vi) Copy of notification of the local tax authority in support of rate of tax indicated in invoice.
  - (vii) Any other additional procurement-specific document(s) required for delivery/payment purposes.
  - (viii) Original copies of Vehicle Insurance and Registration.

The above documents shall be received by the Purchaser before arrival of the Goods (except where it is handed over to the Consignee with all documents) and if not received, the supplier will be responsible for any consequent expenses.

Note: In the event that the documents presented by the Supplier are not in accordance with the Contract, then payment will be made against issue of the Acceptance Certificate to be issued by the Purchaser 's Consignee.



<b>GCC 15.1</b>	The prices charged for the Goods supplied and the related Services performed shall not be adjustable.
<b>GCC 16.1</b>	<p>GCC 16.1—Payment shall be made in Indian Rupees, as follows:</p> <p>(i) <b>On Delivery: For 20 AWS:</b> Ten (10) percent and <b>80 AWS:</b> Ten (10) percent of the Contract Price shall be paid on receipt of the Goods upon submission of the documents specified in GCC/ SCC Clause 13. Payment shall be made within 30 days.</p> <p>(ii) <b>On Final Acceptance: 20 AWS:</b> Thirty (30) percent and <b>80 AWS:</b> Thirty (30) percent of the Contract Price shall be paid on acceptance of the supply, installation and commissioning of the equipment with 30 days.</p> <p>(iii) <b>1 Year AMC:</b> Five (5) percent of the Contract Price for each quarter shall be paid on receipt of the invoice from the Supplier. Payment will be done within 15 days</p>
<b>GCC 16.5</b>	The payment-delay period after which the Purchaser shall pay interest to the supplier – Not Applicable
<b>GCC 18.1</b>	<p>Performance Security to the Purchaser shall be for an amount of 5% of the contract value, valid up to 60 days after the date of completion of performance obligations (End date of 1 Year of AMC period) including warranty obligations.</p> <p>In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/ replaced material shall be extended to a further period of 12 months and the Performance Bank guarantee for proportionate value shall be extended 60 days over and above the extended warranty period.</p>
<b>GCC 18.3</b>	The Performance security shall be in the form of a “Bank Guarantee” or “a cashier’s cheque or banker’s certified cheque or crossed demand draft or pay order” drawn in favor of the Purchaser.
<b>GCC 18.4</b>	Discharge of the Performance Security shall take place not later than 45 days following the date of completion of the Supplier’s performance obligations, including the warranty obligation of one year, under the contract.
<b>GCC 18.5</b>	<p>Add as Clause 18.5 to the GCC the following:</p> <p>In the event of any contractual amendment, the Supplier shall, within 28 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract, as amended for 45 days after the completion of performance obligations including warranty obligations.</p>

<b>GCC 23.2</b>	<p><u>Packing Instructions (if applicable):</u> The Supplier will be required to make separate packages for each Consignee. Each package will be marked on three sides with proper paint/indelible ink with the following:</p> <p>(i) Project; (ii) Contract No.; (iii) Supplier's Name; (iv) Packing List Reference Number.</p>
<b>GCC 24.1</b>	<p>The insurance shall be paid in an amount equal to 110 percent of the EXW value of the Goods from "Warehouse to warehouse (final destination)" on "All Risks" basis including War Risks and Strikes.</p>
<b>GCC 25.1</b>	<p>The Supplier is required under the Contract to transport the Goods duly insured to the specified final destination, and all related costs shall be included in the Contract Price.</p>
<b>GCC 25.2</b>	<p>Incidental services to be provided are:</p> <ol style="list-style-type: none"> <li>1. <i>Performance or supervision of the on-site assembly and/or start-up of the supplied Goods</i></li> <li>2. <i>Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods. These shall be in such detail as will enable the Purchaser to install the goods as stated in the specifications</i></li> <li>3. <i>Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract.</i></li> </ol>
<b>GCC 26.1</b>	<p>The inspections and tests shall be: <i>as per '5' (Inspection &amp; Tests) of Section VII – Schedule of Requirements</i></p>
<b>GCC 26.2</b>	<p>The Inspections and tests shall be conducted at: <i>MBMA Office</i></p>
<b>GCC 27.1</b>	<p>The liquidated damage shall be: 0.5% of contract price per week or part thereof.</p>
<b>GCC 27.1</b>	<p>The maximum number of liquidated damages shall be: 10% of the contract price.</p>
<b>GCC 28.3</b>	<p>The period of validity of the Warranty shall be three years:</p> <p>For purposes of the Warranty, the place(s) of final destination(s) shall be:  <b>At the location where the AWS is installed.</b></p> <p><b>Official address for communication is:</b></p> <p><b>Meghalaya Basin Management Agency (MBMA)</b>  MegLIFE Office, 2<sup>nd</sup> Floor, Shalom Building  Lower Laichumere  Shillong – 793001, Meghalaya.</p>

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	Telephone: 0364 252 2921 E-mail: <a href="mailto:mbdaprocurement@gmail.com">mbdaprocurement@gmail.com</a> Website: <a href="http://www.cllmp.com">www.cllmp.com</a> , <a href="http://www.mbda.gov.in">www.mbda.gov.in</a> & <a href="http://www.mbma.org.in">www.mbma.org.in</a>
<b>GCC 28.5</b> <b>GCC 28.6</b>	The period for repair or replacement shall be: 15 days.
<b>GCC 31.1</b>	This clause will apply only to variations in GST or any other applicable taxes etc. payable in India on the final product which is being supplied and not for variations in tax on the individual components/ raw materials which go into the product.

## **Section X - Contract Forms**

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful Bidder after contract award.

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## Notification of Award - Letter of Acceptance

*[use letterhead paper of the Purchaser]*

*[date]*

To:*[name and address of the Supplier]*

Subject: **Notification of Award Contract No.** . . . . .

This is to notify you that your Bid dated *[insert date]* for execution of the *[insert name of the contract and identification number, as given in the SCC]* for the Accepted Contract Amount of *[insert amount in numbers and words in Rupees]*, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are requested to furnish the Performance Security within 21 days in accordance with the Conditions of Contract, using for that purpose the Performance Security Form included in Section X, Contract Forms, of the bidding document.

Authorized Signature: \_\_\_\_\_  
Name and Title of Signatory: \_\_\_\_\_  
Name of Agency: \_\_\_\_\_

**Attachment: Contract Agreement**

## Contract Agreement

*[The successful Bidder shall fill in this form in accordance with the instructions indicated]*

THIS AGREEMENT made

the *[insert: number]* day of *[insert: month]*, *[insert: year]*.

BETWEEN

- (1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of {insert name of Country of Purchaser}, or corporation incorporated under the laws of {insert name of Country of Purchaser}]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called “the Purchaser”), of the one part, and
- (2) *[insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called “the Supplier”), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services

The Purchaser and the Supplier agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
  - (a) this Agreement
  - (b) the Letter of Acceptance
  - (c) the Letter of Bid and original completed Schedules including Price Schedules
  - (d) the Addenda Nos. \_\_\_\_\_ (if any)
  - (e) Special Conditions of Contract
  - (f) General Conditions of Contract
  - (g) the Specification (including Schedule of Requirements and Technical Specifications)

- 
- (h) Joint Venture Agreement [for JVs if permitted]
  - (i) any other document listed in GCC as forming part of the Contract
3. In consideration of the payments to be made by the Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
  4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of India on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*

in the capacity of *[insert title or other appropriate designation]*

In the presence of *[insert identification of official witness—name, signature, address, date]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness - name, signature, address, date]*

## Performance Security - Bank Guarantee

*[Guarantor letterhead or SWIFT identifier code]*

Performance Guarantee No.....*[insert guarantee reference number]*

Date.....*[insert date of issue of the guarantee]*

To: \_\_\_\_\_ *[name of Purchaser]*

\_\_\_\_\_ *[address of Purchaser]*

WHEREAS \_\_\_\_\_ *[name and address of Supplier<sup>7</sup>]* (hereinafter called "the Applicant") has undertaken, in pursuance of Contract No. \_\_\_\_\_ dated \_\_\_\_\_ to execute \_\_\_\_\_ *[name of Contract and brief description of Goods and related Services]* (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Applicant shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Applicant such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Applicant, up to a total of \_\_\_\_\_ *[amount of guarantee<sup>8</sup>]* \_\_\_\_\_ *[in words]*, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of \_\_\_\_\_ *[amount of guarantee]* as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Applicant before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Goods and related Services to be supplied thereunder or of any of the Contract documents which may be made between you and the Applicant shall in any way release us from

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<sup>7</sup>*In the case of a JV, insert the name of the Joint Venture*

<sup>8</sup>*An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract and denominated in Indian Rupees.*



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any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until ..... (i.e.) 45 days following the Completion date of the Contract including any warranty obligations<sup>9</sup>, and any demand for payment under it must be received by us at this office on or before that date.

Signature and seal of the guarantor \_\_\_\_\_

Name of Bank \_\_\_\_\_

Address \_\_\_\_\_

Date \_\_\_\_\_

***Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.***

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<sup>9</sup> Completion date as described in GC Clause 18.4

**Advance Payment Security**  
**Demand Guarantee**  
*[Guarantor letterhead or SWIFT identifier code]*

Advance Payment Guarantee No.....*[insert guarantee reference number]*  
 Date.....*[insert date of issue of the guarantee]*

To: \_\_\_\_\_ *[name of Purchaser]*  
 \_\_\_\_\_ *[address of Purchaser]*  
 \_\_\_\_\_ *[name of Contract]*

Gentlemen:

In accordance with the provisions of the Conditions of Contract, Clause 16 ("Terms of Payment") of the above-mentioned Contract, \_\_\_\_\_ *[name and address of Supplier<sup>10</sup>]* (hereinafter called "the Applicant") shall deposit with \_\_\_\_\_ *[name of Purchaser]* a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of \_\_\_\_\_ *[amount of guarantee<sup>11</sup>]* \_\_\_\_\_ *[in words]*.

We, the \_\_\_\_\_ *[bank or financial institution]*, as instructed by the Applicant, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to \_\_\_\_\_ *[name of Purchaser]* on his first demand without whatsoever right of objection on our part and without his first claim to the Applicant, in the amount not exceeding \_\_\_\_\_ *[amount of guarantee]* \_\_\_\_\_ *[in words]*.

We further agree that no change or addition to or other modification of the terms of the Contract or of Goods and related Services to be supplied thereunder or of any of the Contract documents which may be made between \_\_\_\_\_ *[name of Purchaser]* and the Applicant, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until \_\_\_\_\_ *[name of Purchaser]* receives full \_\_\_\_\_

<sup>10</sup>In the case of a JV, insert the name of the Joint Venture

<sup>11</sup>An amount shall be inserted by the bank representing the amount of the Advance Payment, and denominated in Indian Rupees.

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repayment of the same amount from the Applicant. Consequently any demand for payment under this guarantee must be received by us at this office on or before that date.

Yours truly,

Signature \_\_\_\_\_ and \_\_\_\_\_ seal:

\_\_\_\_\_

Name of Bank: \_\_\_\_\_

Address:

\_\_\_\_\_

Date: \_\_\_\_\_

*Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.*